Base Load Power Hub (BLPH)

JB, SOCKET

EQUIPMENT MANUFACTURERS RECORD BOOK

Document Number: 1724001481-QC-DB-00008

Document Class: 2

04	09/06/2025	Accepted for Construction (AFC)	M. Berzoini	F. Bonanomi	F. Bonanomi
03	05/05/2025	Accepted for Construction (AFC)	M. Berzoini	F. Bonanomi	F. Bonanomi
02	17/03/2025	Issue for Review (IFR)	M. Berzoini	F. Bonanomi	F. Bonanomi
01	19/02/2025	Issue for Review (IFR)	M. Berzoini	F. Bonanomi	F. Bonanomi
00	11/02/2025	Issue for Review (IFR)	M. Berzoini	F. Bonanomi	F. Bonanomi
Rev.	Date	Description	Prepared	Reviewed	Approved

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A COMPANY OF MARECHAL ELECTRIC

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		00	01	02	03	04			
1	Cover	X	X	X	X	X			
2	Table of Contents	X	X	X	X	X			
3	Revision / Change Log / Hold List	X	X	X	X	X			
4	EQUIPMENT MANUFACTURERS RECORD BOOK	X	X	X	X	X			

Revision / Change Log

Rev.	Description
00	Issue for Review (IFR)
01	Issue for Review (IFR)
02	Issue for Review (IFR)
03	Accepted for Construction (AFC)
04	Accepted for Construction (AFC)

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DESIGN DOSSIER

Sub-section 1.1

EQUIPMENT MANUFACTURERS RECORD BOOK – INDEX

1724001481-QC-LIS-00007

Base Load Power Hub (BLPH)

JB, SOCKET

EQUIPMENT MANUFACTURERS RECORD BOOK - INDEX

Document Number: 1724001481-QC-LIS-00007

Document Class: 2

ROSETTI MARINO	
1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
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NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.	
Sign	Date
ROSETTI MARINO S.p.A.	15/11/2024

02	28/10/2024	Approved for Construction (AFC)	M. Berzoini	A.Sortino	A.Sortino
01	04/10/2024	Issue for Review (IFR)	M. Berzoini	A.Sortino	A.Sortino
00	06/08/2024	Issue for Review (IFR)	M. Berzoini	A.Sortino	A.Sortino
Rev.	Date	Description	Prepared	Reviewed	Approved

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2	Table of Contents	X	X	X					
3	Revision / Change Log / Hold List	X	X	X					
4	EQUIPMENT MANUFACTURERS RECORD BOOK - INDEX	X	X	X					

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Rev.	Description
00	Issue for Review (IFR)
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02	Approved for Construction (AFC)

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Technor ITALSMEA	PO Number: 1724001481 123A90A	OLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO	

EQUIPMENT MANUFACTURERS RECORD BOOK - INDEX

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				From	To
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Sub-section 1.3	1724001481-EL-DA-00003	GENERAL ARRANGEMENT AND DIMENSIONAL DRAWINGS (INCLUDING TERMINAL SCHEDULE)	1724001481-EL-DA-00003	15	26
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Sub-section 1.2

SUPPLIER MASTER INDEX REGISTER (SMIR)

1724001481-MD-LIS-00001

Base Load Power Hub (BLPH)

JB, SOCKET

SUPPLIER MASTER INFORMATION REGISTER

Document Number: 1724001481-MD-LIS-00001

Document Class: 3

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NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.	
Sign	Date
	07/08/2024

00	02/08/2024	Issue for Information (IFI)	A. Sortino	M. Berzoini	M. Berzoini
Rev.	Date	Description	Prepared	Reviewed	Approved

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4	SMIR	X							

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Rev.	Description
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SMIR - REGISTRO DOCUMENTI / *SMIR - SUPPLIER MASTER INFORMATION REGISTER*

Ordine n°/*order nr.*	1724001481		Fornitore/*Supplier* :	TECHNOR ITALSMEA SPA		
data / *dated:*	01/08/2024		Codice F./ *S. Code:*	07651010154		
Commessa / *Job:*	123A90		Indirizzo/ *address* :	VIA ITALIA 33 - 20060 GESSATE (MILANO) - ITALY		
Descrizione / *Description*	JB, SOCKET		Persona di riferim./ *contact person:*	m.berzoini@italsmea.com		
Macrofase / *Phase*						

Pos.	Document nr. Client (1)	Doc Client Rev. (1)	Document nr. Internal	Document nr. Internal Rev. (2)	Document nr. Supplier (3)	Doc Supplier Rev. (3)	Titolo Documento / *Document title* (4)	Disciplina / *Discipline* (5)	Blocco Classe / *Class Block* (6)	Docum. Format (7)	first issue date (8)	Third Party Approval (I/A)	Design KEY Document	Document Approval (I/A)
							CONTROL DOCUMENTS							
1	1724001481-MD-LIS-00001	00	1724001481-MD-LIS-00001	00	2400722_01	00	SUPPLIER MASTER INDEX REGISTER (SMIR)	ELE	02/08/2024	A0	02/08/2024		N	I
							ENGINEERING DOCUMENTS							
2	1724001481-QC-ITP-00002	00	1724001481-QC-ITP-00002	00	2400722_02	00	INSPECTION AND TEST PLAN	QUA	02/08/2024	A4	06/08/2024		N	A
							ENGINEERING DOCUMENTS							
3	1724001481-EL-DA-00003	00	1724001481-EL-DA-00003	00	2400722_03	00	GENERAL ARRANGEMENT AND DIMENSIONAL DRAWINGS (INCLUDING TERMINAL SCHEDULE)	ELE	02/08/2024	A4	02/08/2024		Y	A
4	1724001481-EL-DS-00004	00	1724001481-EL-DS-00004	00	2400722_04	00	EQUIPMENT TECHNICAL DATA SHEET	ELE	02/08/2024	A4	10/09/2024		N	A
5	1724001481-EL-LIS-00005	00	1724001481-EL-LIS-00005	00	2400722_05	00	ATEX REGISTER	QUA	10/09/2024	A4	10/09/2024		N	A
6	1724001481-EL-LIS-00006	00	1724001481-EL-LIS-00006	00	2400722_06	00	VENDOR ASSET REGISTER	DATA	10/09/2024	A4	10/09/2024		N	A
7	1724001481-QC-LIS-00007	00	1724001481-QC-LIS-00007	00	2400722_07	00	EQUIPMENT MANUFACTURERS RECORD BOOK - INDEX	QUA	10/09/2024	A4	10/09/2024		N	A
8	1724001481-QC-DB-00008	00	1724001481-QC-DB-00008	00	2400722_08	00	EQUIPMENT MANUFACTURERS RECORD BOOK	QUA	15/10/2024	A4	15/10/2024		N	A
							A4							
9	1724001481-EL-MAN-00009	00	1724001481-EL-MAN-00009	00	2400722_09	00	INSTALLATION, OPERATING AND MAINTENANCE MANUAL	ELE	02/08/2024	A4	10/09/2024		N	I

Notes:

(1) Numero documento Cliente
Document number assigned by final Client

(2) Numero documento interno
Document number internal

(3) Numero documento Fornitore (assegnato dal Fornitore)
Document number assigned by Supplier

(4) Assegnare il Titolo del documento (assegnato dal Fornitore)
Fill in the document title (to be assigned by Vendor)

(5) Specific are la disciplina (compilato da Rosetti)
Process, Piping; Electrical, Expediting, Inspection, Commissioning, Quality, ecc (to be filled by Rosetti)

(6) Blocco Classe: Specifica, Disegno, Report, Data Sheet, etc. (compilato da Rosetti)
Procedure, list, drawing, data sheet, etc. (to be filled by Rosetti)

(7) A4, A3, A1 (compilato dal Fornitore)
A4, A3, A1 (Supplier)

(8) Data prevista per l'emissione del documento (compilato dal Fornitore)
Foreseen date for the first issue (Supplier)

Sub-section 1.3

GENERAL ARRANGEMENT AND DIMENSIONAL DRAWINGS (INCLUDING TERMINAL SCHEDULE)

1724001481-EL-DA-00003

BASE LOAD POWER HUB (BLPH)

GENERAL ARRANGEMENTS AND WIRING DIAGRAM

JB, SOCKET

ROSETTI MARINO	
1	NO COMMENTS - APPROVED - WORK MAY PROCEED
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Sign	Date
	07/01/2025

Explosion Proof
Electrical Equipment
Materiali Elettrici Antideflagranti

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	20/12/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
04	26/11/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
03	25/10/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)

FRONT PAGE

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001481-EL-DA-00003

SHEET 001

REV. 05

F.to UNI A3: 420mmx297mm

File Name : 1724001481-EL-DA-00003 Rev. 01

REV.	SHEET NUMBER	DESCRIPTION	REF. CODE
00	001	FRONT PAGE	
00	002	SUMMARY and GENERAL NOTES	
00	003	Solar PV Power Cable JB	ELEJB01
04	004	Junction Box for Normal & Emergency Lighting	ELEJB02
04	005	Junction Box for Normal & Emergency Lighting - Tag List	ELEJB02
00	006	Junction Box for Heat Tracing	ELEJB03
00	007	Junction Box for Temporary Generation	ELEJB04
00	008	Junction Box with 16A Power Sockets	ELEJB-SOCK1
00	009	Junction Box with 16A Power Sockets - Wiring Diagram	ELEJB-SOCK1
01	010	Junction Box with 125A Welding Socket	ELEJB-SOCK2
00	011	Junction Box with 125A Welding Socket - Wiring Diagram	ELEJB-SOCK2

GENERAL NOTES

Explosion Proof
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A COMPANY OF MARECHAL ELECTRIC

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ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)

SUMMARY and GENERAL NOTES

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

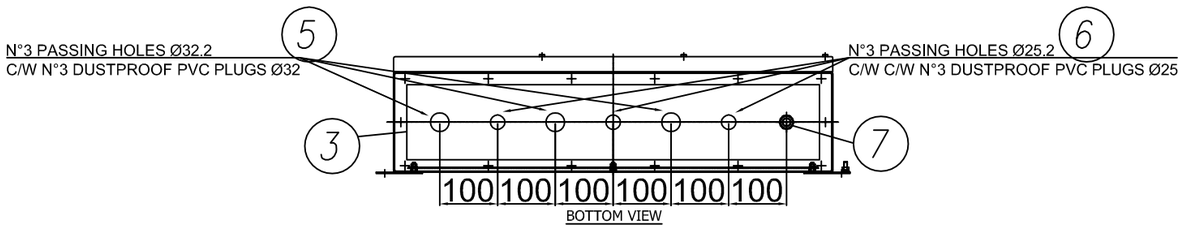
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SHEET 002

REV. 05

F.to UNI A3: 420mmx297mm

File Name : 1724001481-EL-DA-00003 Rev. 01



BOTTOM VIEW

10

I2400722-B016I00029817

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC
Via Italia 33 - 20060 Gessate (MI) ITALY

MADE IN ITALY

Serial Nr.:
Year of construction:

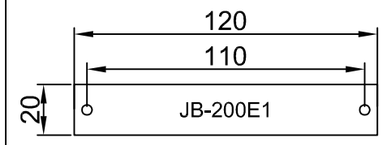
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800VAC 50Hz 630A

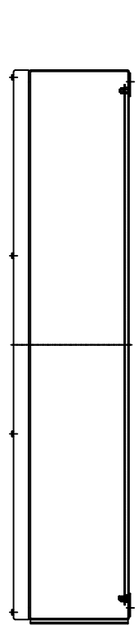
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IP66

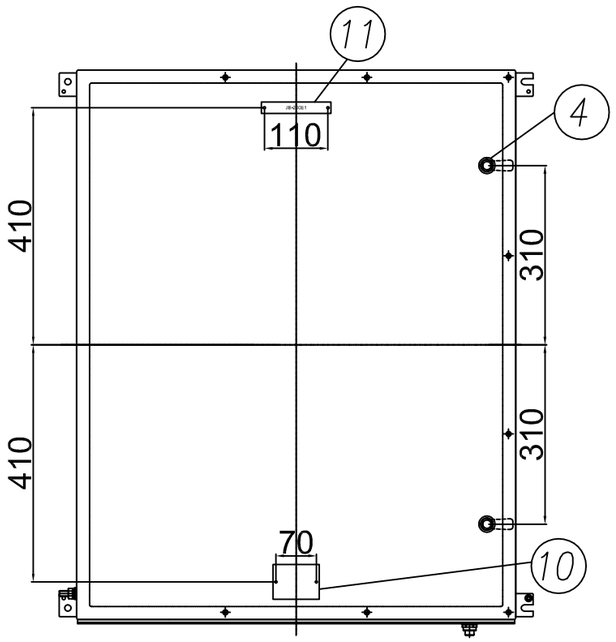
11 PLATE DETAIL



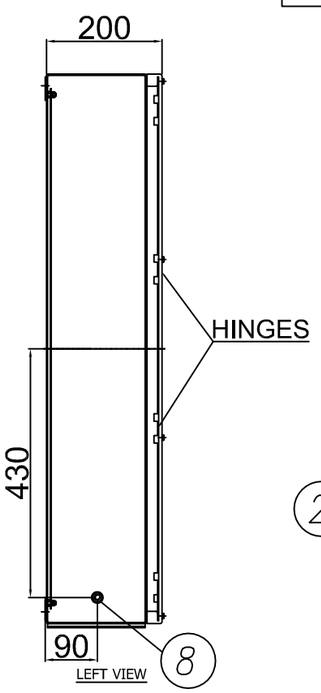
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BACKGROUND: WHITE
LETTERS: BLACK



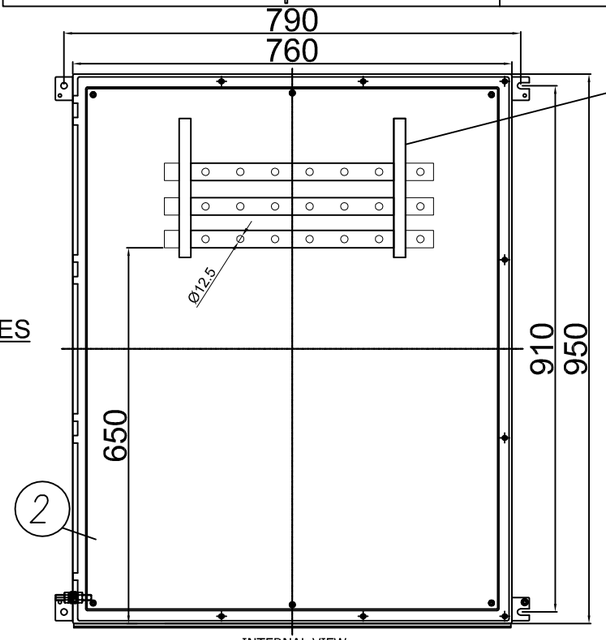
RIGHT VIEW



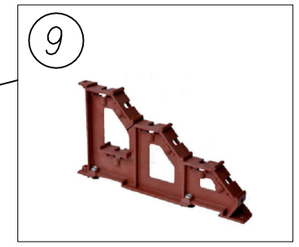
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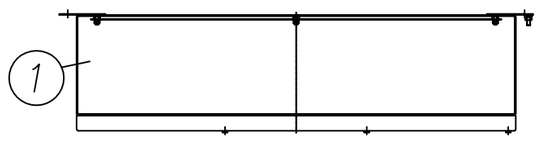


LEFT VIEW



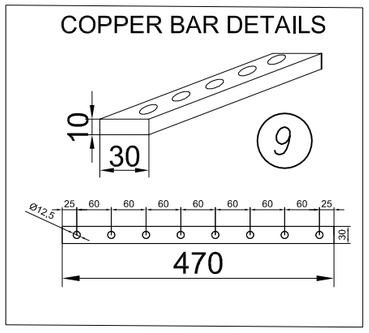
INTERNAL VIEW





TOP VIEW

COPPER BAR DETAILS



ITEM	DESCRIPTION	Pcs Q.TY	NOTE/MAT.	CODE	MANUFACTURER
11	LAMINATED PLASTIC TAG 120X20	1	–	.	TECHNOR ITALSMEA
10	AISI316L CERTIFICATE PLATE 80X60	1	–	.	TECHNOR ITALSMEA
9	COPPER BARS FOR DISTRIBUTION, 30X10 MM C/W SUPPORT WITH 3 TIERS	3	GW45562	.	GEWISS
8	AISI316L INT/EXT EARTH BOLT M10	1	BTP–10	.	TECHNOR ITALSMEA
7	AISI316L DRAIN/BREATHER VALVE M16	1	ECR–3	.	TECHNOR ITALSMEA
6	DUSTPROOF PVC PLUG Ø25	3	–	.	TECHNOR ITALSMEA
5	DUSTPROOF PVC PLUG Ø32	3	–	.	TECHNOR ITALSMEA
4	1/4 TURN LOCK HYGENIC	2	–	.	TECHNOR ITALSMEA
3	REMOVABLE GLAND PLATE THK. 3 MM	1	FL L76 H20	.	TECHNOR ITALSMEA
2	AISI316L INTERNAL MOUNTING PLATE	1	PS–7695	.	TECHNOR ITALSMEA
1	AISI316L ENCLOSURE THK. 1.5 MM	1	SB–769520	.	TECHNOR ITALSMEA

-ELECTROPOLISHED
Q.TY 1, ITEM 10: 2JBXXSSSA, ELEJB01

Explosion Proof
Electrical Equipment
Materiali Elettrici Antideflagranti

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)

Solar PV Power Cable JB

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001481-EL-DA-00003

SHEET 003

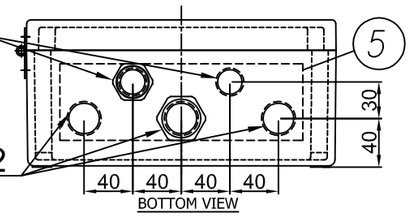
REV. 05

F.to UNI A3: 420mmx297mm

File Name : 1724001481-EL-DA-00003 Rev. 01

(10)(4) N°2 PASSING HOLES Ø20.2
C/W N°1 BNK PLUG M20 +
N°1 DUSTPROOF PVC PLUG

(3)(3) N°3 PASSING HOLES Ø25.2
C/W N°1 BNK PLUG M25 +
N°2 DUSTPROOF PVC PLUG



BOTTOM VIEW

(8) I2400722-B015I00029809

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC
Via Italia 33 - 20060 Gessate (MI) ITALY

CE 0080 Ex II 2G II 2D
FIDI 21ATEX 0090X
IECEx FIDI 21.0015X
Year of construction:

MADE IN ITALY

TYPE: AQ-252612P
230VAC 50Hz 20A
Max Dis. P. 6W

Ex eb IIC T6 Gb
Ex tb IIIC T85°C Db
IP66
T.amb. -20/+40°C
Serial Nr.

WARNINGS : DO NOT OPEN WHEN ENERGIZED

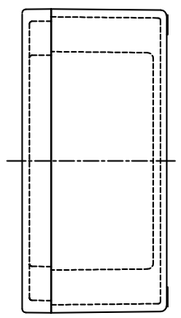
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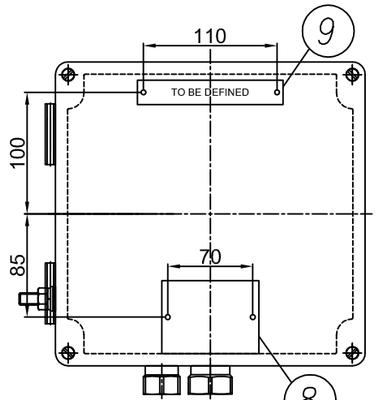
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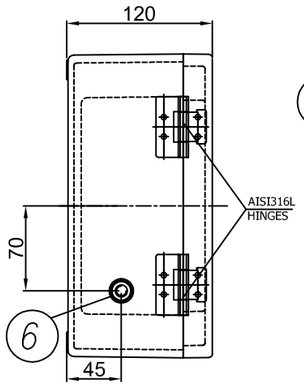
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BACKGROUND: WHITE
LETTERS: BLACK

(7) Terminals numbered: NOTE 1

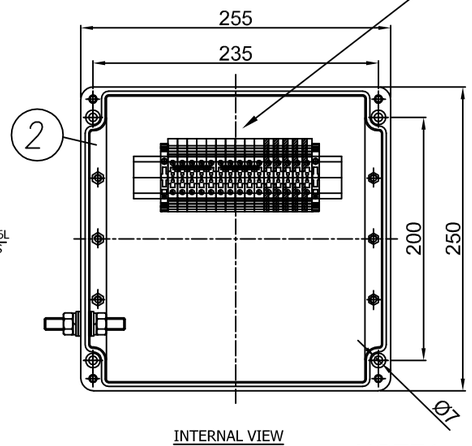

RIGHT VIEW



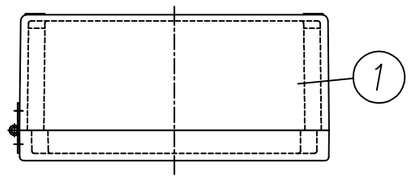
FRONT VIEW



LEFT VIEW



INTERNAL VIEW



TOP VIEW

NOTE1 :
- JB for Normal Lighting have terminals bridge: L-L-L-L-L, N-N-N-N-N, PE-PE-PE-PE-PE - JB for Emergency Lighting have terminals bridge: L-L-L, N-N-N, PW-PW-PW, PE-PE-PE-PE-PE

ITEM	DESCRIPTION	Pcs Q.TY	NOTE/MAT.	CODE	MANUFACTURER
11	DUSTPROOF PVC PLUG Ø25	2	–	.	TECHNOR ITALSMEA
10	DUSTPROOF PVC PLUG Ø20	1	–	.	TECHNOR ITALSMEA
9	LAMINATED PLASTIC TAG 120X20	1	–	.	TECHNOR ITALSMEA
8	AISI316L CERTIFICATE PLATE 80X60	1	–	.	TECHNOR ITALSMEA
7	BEIGE TERMINAL BLOCK SIZE 6 SQMM EARTH TERMINAL BLOCK SIZE 6 SQMM	10 5	WDU–6 WPE–6	.	WEIDMULLER
6	AISI316L INT/EXT EARTH BOLT M10	1	BTP–10	.	TECHNOR ITALSMEA
5	BRASS CONTINUITY PLATE THK. 0.8 MM	1	–	.	TECHNOR ITALSMEA
4	NICKEL PLATED BRASS PLUG M20	1	T20	.	TECHNOR ITALSMEA
3	NICKEL PLATED BRASS PLUG M25	1	T25	.	TECHNOR ITALSMEA
2	INTERNAL MOUNTING PLATE	1	PS–2526	.	TECHNOR ITALSMEA
1	GRP ENCLOSURE	1	AQ–252612P	.	TECHNOR ITALSMEA

-UNPAINTED (BLACK NATURAL)
Q.TY 92, ITEM 20: 2JBXXGPEE, ELEJB02

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	20/12/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
04	26/11/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
03	25/10/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

Explosion Proof
Electrical Equipment
Materiali Elettrici Antideflagranti
TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)

Junction Box for Normal & Emergency Lighting

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001481-EL-DA-00003

SHEET 004

REV. 05

F.to UNI A3: 420mmx297mm

File Name : 1724001481-EL-DA-00003 Rev. 01

ENCLOSURE N°	TAG LIST	NORMAL LIGHTING	EMERGENCY LIGHTING
1	EJB-200N1-03-L2-04	X	
2	EJB-200N1-03-L2-03	X	
3	EJB-200N1-03-L2-01	X	
4	EJB-200N1-03-L2-02	X	
5	EJB-200N1-03-L2-12	X	
6	EJB-200N1-03-L2-11	X	
7	EJB-200N1-03-L2-10	X	
8	EJB-200N1-03-L2-09	X	
9	EJB-200N1-03-L2-08	X	
10	EJB-200N1-03-L2-07	X	
11	EJB-200N1-03-L2-06	X	
12	EJB-200N1-03-L2-05	X	
13	EJB-200N1-03-L2-14	X	
14	EJB-200N1-03-L2-13		X
15	EJB-200N1-09-L2-17		X
16	EJB-200N1-09-L2-01		X
17	EJB-200N1-09-L2-04		X
18	SPARE (TO BE PROVIDED BLANK)		X
19	EJB-200N1-09-L2-02		X
20	EJB-200N1-09-L2-15		X
21	EJB-200N1-09-L2-14		X
22	EJB-200N1-09-L2-13		X
23	EJB-200N1-09-L2-12		X
24	EJB-200N1-09-L2-11		X
25	EJB-200N1-09-L2-10		X
26	EJB-200N1-09-L2-09		X
27	EJB-200N1-09-L2-08		X
28	EJB-200N1-09-L2-07		X
29	EJB-200N1-09-L2-06		X
30	EJB-200N1-09-L2-05		X
31	EJB-200N1-09-L2-16	X	
32	EJB-200N1-04-L3-01	X	
33	EJB-200N1-04-L3-02	X	
34	EJB-200N1-10-L3-05		X
35	EJB-200N1-10-L3-06		X
36	EJB-200N1-10-L3-07		X
37	EJB-200N1-10-L3-08		X
38	EJB-200N1-10-L3-09		X
39	EJB-200N1-10-L3-02		X
40	EJB-200N1-10-L3-01		X
41	EJB-200N1-10-L3-03		X
42	EJB-200N1-10-L3-04		X
43	EJB-200N1-02-L1-03	X	
44	EJB-200N1-02-L1-02	X	
45	EJB-200N1-02-L1-01	X	
46	SPARE (TO BE PROVIDED BLANK)	X	
47	EJB-200N1-02-L1-10	X	
48	EJB-200N1-02-L1-19	X	
49	EJB-200N1-02-L1-18	X	
50	EJB-200N1-02-L1-17	X	
51	EJB-200N1-02-L1-16	X	
52	EJB-200N1-02-L1-15	X	
53	EJB-200N1-02-L1-14	X	
54	EJB-200N1-02-L1-13	X	
55	EJB-200N1-02-L1-12	X	
56	EJB-200N1-02-L1-11	X	
57	EJB-200N1-02-L1-06	X	
58	EJB-200N1-02-L1-05	X	
59	EJB-200N1-02-L1-07	X	
60	EJB-200N1-02-L1-08	X	
61	EJB-200N1-02-L1-09	X	
62	EJB-200N1-08-L1-03		X
63	SPARE (TO BE PROVIDED BLANK)		X
64	EJB-200N1-08-L1-01		X
65	EJB-200N1-08-L1-04		X
66	EJB-200N1-08-L1-19		X
67	EJB-200N1-08-L1-18		X
68	EJB-200N1-08-L1-17		X
69	EJB-200N1-08-L1-16		X
70	EJB-200N1-08-L1-15		X
71	EJB-200N1-08-L1-14		X
72	EJB-200N1-02-L1-20	X	
73	EJB-200N1-08-L1-12		X
74	EJB-200N1-08-L1-11		X
75	EJB-200N1-08-L1-10		X
76	EJB-200N1-08-L1-20		X
77	EJB-200N1-08-L1-05		X
78	EJB-200N1-08-L1-06		X
79	EJB-200N1-08-L1-07		X
80	EJB-200N1-08-L1-09		X
81	EJB-200N1-08-L1-08		X
82	EJB-200F2-01	X	
83	EJB-200F2-02	X	
84	SPARE (TO BE PROVIDED BLANK)	X	
85	SPARE (TO BE PROVIDED BLANK)	X	
86	SPARE (TO BE PROVIDED BLANK)	X	
87	SPARE (TO BE PROVIDED BLANK)	X	
88	SPARE (TO BE PROVIDED BLANK)	X	
89	SPARE (TO BE PROVIDED BLANK)		X
90	SPARE (TO BE PROVIDED BLANK)		X
91	SPARE (TO BE PROVIDED BLANK)		X
92	SPARE (TO BE PROVIDED BLANK)		X

Q.TY 92, ITEM 20: 2JBXXGPEE, ELEJB02

Explosion Proof
Electrical Equipment
Materiali Elettrici Antideflagranti

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	20/12/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
04	26/11/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
03	25/10/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)

Junction Box for Normal & Emergency Lighting–Tag List

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001481-EL-DA-00003

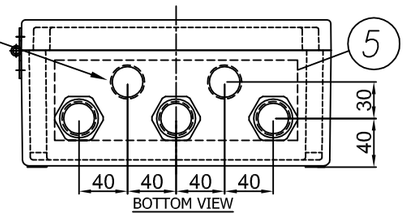
SHEET 005

REV. 05

F.to UNI A3: 420mmx297mm

File Name : 1724001481-EL-DA-00003 Rev. 01

8 3 N°5 PASSING HOLES Ø25.2
C/W N°3 BNK PLUG M25 +
N°2 DUSTPROOF PVC PLUG



BOTTOM VIEW

4 I2400722-B015I00029813

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC
Via Italia 33 - 20060 Gessate (MI) ITALY

MADE IN ITALY

Serial Nr.:
Year of construction:

Type: AQ-252612P

230VAC 50Hz 20A

T.amb -20/+50°C

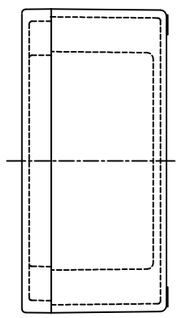
IP66

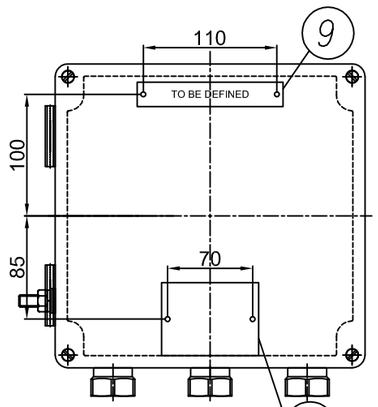
9 PLATE DETAIL



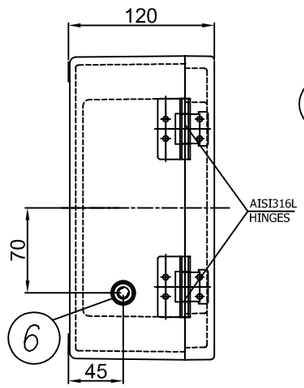
MATERIAL: LAMINATED PLASTIC
BACKGROUND: WHITE
LETTERS: BLACK

7 TERMINALS NUMBERED
L-L-L-L-L,N-N-N-N-N,PE-PE-PE-PE-PE
BRIDGED

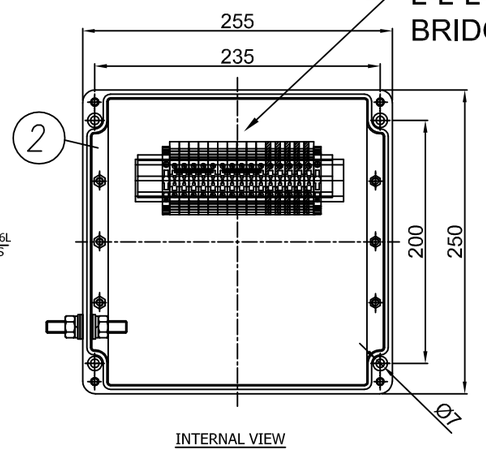

RIGHT VIEW



FRONT VIEW

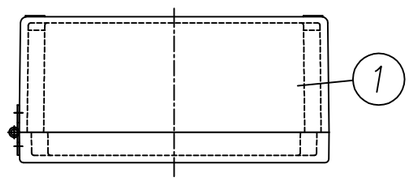


LEFT VIEW



INTERNAL VIEW

ENCLOSURE N°	TAG LIST
1	EJB-200N1-17-L1-01
2	EJB-200N1-14-L1-01
3	EJB-200N1-15-L2-01
4	EJB-200N1-20-L1-01
5	SPARE (TO BE PROVIDED BLANK)



TOP VIEW

9	LAMINATED PLASTIC TAG 120X20	1	–	.	TECHNOR ITALSMEA
8	DUSTPROOF PVC PLUG Ø25	2	–	.	TECHNOR ITALSMEA
7	BEIGE TERMINAL BLOCK SIZE 6 SQMM EARTH TERMINAL BLOCK SIZE 6 SQMM	10 5	WDU–6 WPE–6	.	WEIDMULLER
6	AISI316L INT/EXT EARTH BOLT M10	1	BTP–10	.	TECHNOR ITALSMEA
5	BRASS CONTINUITY PLATE THK. 0.8 MM	1	–	.	TECHNOR ITALSMEA
4	AISI316L CERTIFICATE PLATE 80X60	1	–	.	TECHNOR ITALSMEA
3	NICKEL PLATED BRASS PLUG M25	3	T25	.	TECHNOR ITALSMEA
2	INTERNAL MOUNTING PLATE	1	PS–2526	.	TECHNOR ITALSMEA
1	GRP ENCLOSURE	1	AQ–252612P	.	TECHNOR ITALSMEA
ITEM	DESCRIPTION	Pcs Q.TY	NOTE/MAT.	CODE	MANUFACTURER

-UNPAINTED (BLACK NATURAL)
Q.TY 5, ITEM 30: 2JBXXGPSA,
ELEJB03

Explosion Proof
Electrical Equipment
Materiali Elettrici Antideflagranti
TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	20/12/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
04	26/11/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
03	25/10/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)

Junction Box for Heat Tracing

CONTRACT NO./TITLE CW–I–WP4–2023–05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001481–EL–DA–00003

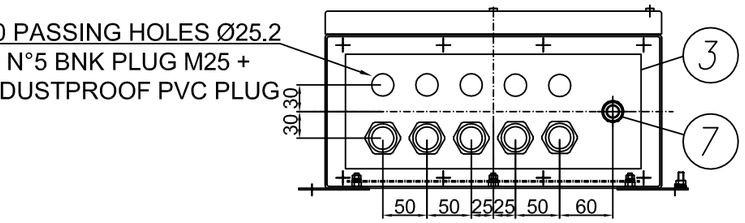
SHEET 006

REV. 05

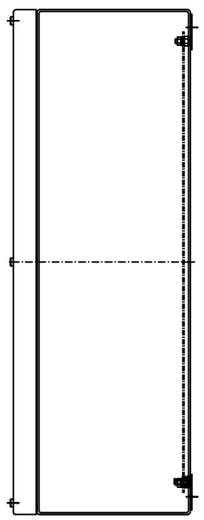
F.to UNI A3: 420mmx297mm

File Name : 1724001481–EL–DA–00003 Rev. 01

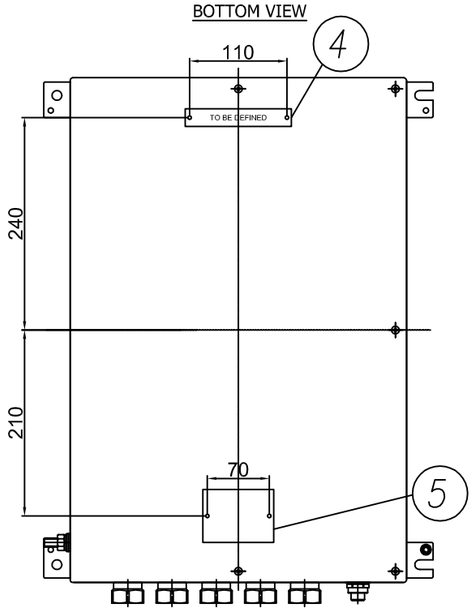
(10)(6) N°10 PASSING HOLES Ø25.2
C/W N°5 BNK PLUG M25 +
N°5 DUSTPROOF PVC PLUG



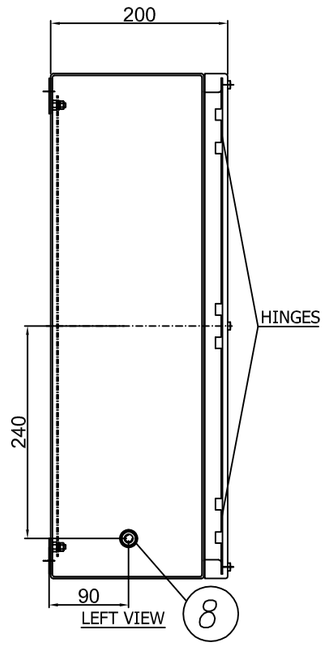
BOTTOM VIEW



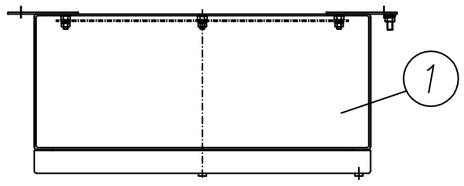
RIGHT VIEW



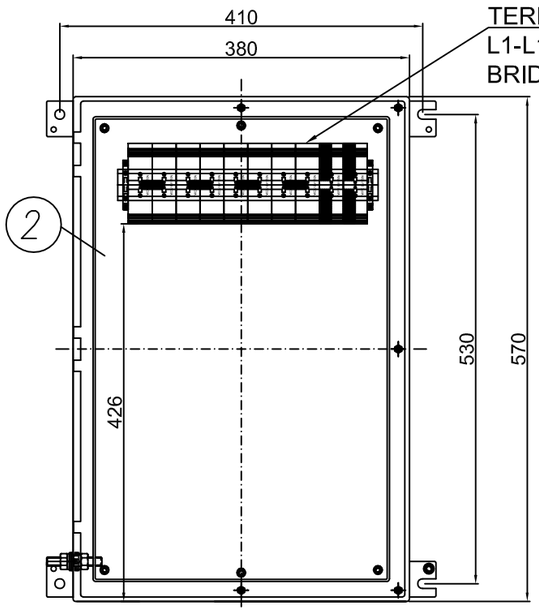
FRONT VIEW



LEFT VIEW



TOP VIEW



TERMINALS NUMBERED
L1-L1/L2-L2/L3-L3/N-N/PE-PE
BRIDGED
(9)

INTERNAL VIEW

(5) I2400722-B016I00029818

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC
Via Italia 33 - 20060 Gessate (MI) ITALY

CE

MADE IN ITALY

Serial Nr.:
Year of construction:

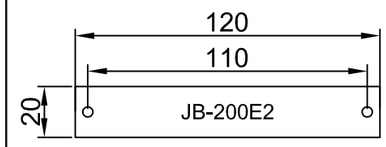
Type: SB-385720

400VAC 50Hz 160A

T.amb -20/+50°C

IP66

(4) PLATE DETAIL



MATERIAL: LAMINATED PLASTIC
BACKGROUND: WHITE
LETTERS: BLACK

ITEM	DESCRIPTION	Pcs Q.TY	NOTE/MAT.	CODE	MANUFACTURER
10	DUSTPROOF PVC PLUG Ø25	5	–	.	TECHNOR ITALSMEA
9	BEIGE TERMINAL BLOCK SIZE 95 SQMM EARTH TERMINAL BLOCK SIZE 95 SQMM	8 2	WDU-95/120N WPE-95/120N	. .	WEIDMULLER
8	AISI316L INT/EXT EARTH BOLT M10	1	BTP-10	.	TECHNOR ITALSMEA
7	AISI316L DRAIN/BREATHER VALVE M16	1	ECR-3	.	TECHNOR ITALSMEA
6	NICKEL PLATED BRASS PLUG M25	5	T25	.	TECHNOR ITALSMEA
5	AISI316L CERTIFICATE PLATE 80X60	1	–	.	TECHNOR ITALSMEA
4	LAMINATED PLASTIC TAG 120X20	1	–	.	TECHNOR ITALSMEA
3	REMOVABLE GLAND PLATE THK. 3 MM	1	FL L38 H20	.	TECHNOR ITALSMEA
2	AISI316L INTERNAL MOUNTING PLATE	1	PS-3857	.	TECHNOR ITALSMEA
1	AISI316L ENCLOSURE THK. 1.5 MM	1	SB-385720	.	TECHNOR ITALSMEA

-ELECTROPOLISHED
Q.TY 1, ITEM 40: 2JBXXGPSA, ELEJB04

Explosion Proof
Electrical Equipment
Materiali Elettrici Antideflagranti

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	20/12/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
04	26/11/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
03	25/10/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)

Junction Box for Temporary Generation

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

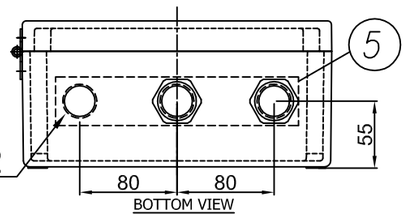
DRAWING NO. 1724001481-EL-DA-00003

SHEET 007

REV. 05

F.to UNI A3: 420mmx297mm

File Name : 1724001481-EL-DA-00003 Rev. 01



8 3 N°3 PASSING HOLES Ø25.2
C/W N°2 BNK PLUG M25 +
N°1 DUSTPROOF PVC PLUG

4 I2400722-B040I00029801

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC
Via Italia 33 - 20060 Gessate (MI) ITALY

MADE IN ITALY

Serial Nr.:
Year of construction:

Type: MXBS-252612P

230VAC 50Hz 16A

T.amb -20/+50°C

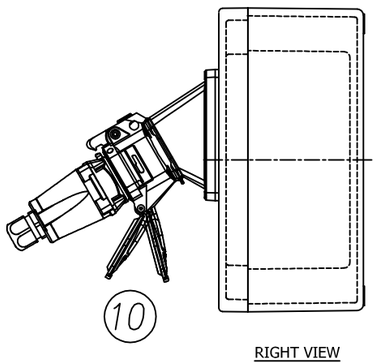
IP66

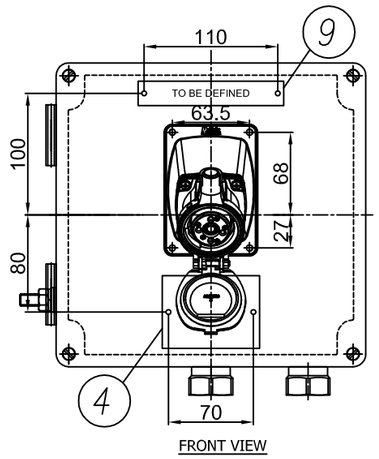
9 PLATE DETAIL

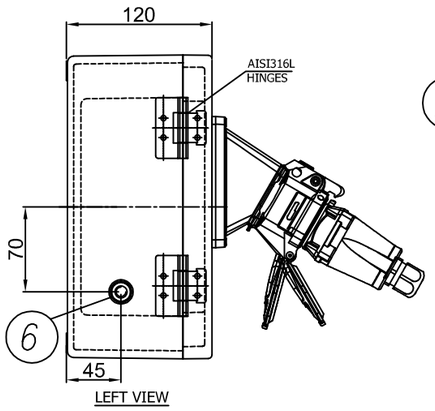


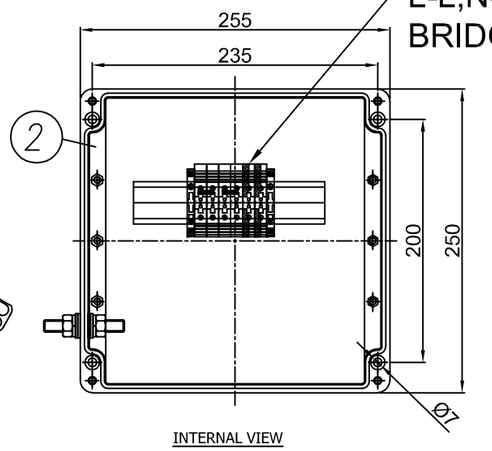
MATERIAL: LAMINATED PLASTIC
BACKGROUND: WHITE
LETTERS: BLACK

7 TERMINALS NUMBERED
L-L,N-N,PE-PE
BRIDGED

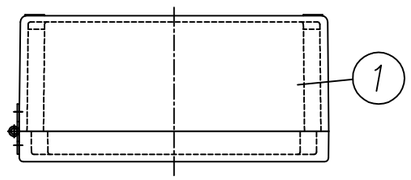








ENCLOSURE N°	TAG LIST
1	ESO-200N1-06-L2-03
2	ESO-200N1-06-L2-01
3	ESO-200N1-06-L2-02
4	ESO-200N1-05-L1-01
5	ESO-200N1-05-L1-02
6	SPARE (TO BE PROVIDED BLANK)



ITEM	DESCRIPTION	Pcs Q.TY	NOTE/MAT.	CODE	MANUFACTURER
10	DSN1 SOCKET 1P+N+E 230VAC 16A	1	511M3+6114015 6118015+511P0D18	.	MARECHAL
9	LAMINATED PLASTIC TAG 120X20	1	–	.	TECHNOR ITALSMEA
8	DUSTPROOF PVC PLUG Ø25	1	–	.	TECHNOR ITALSMEA
7	BEIGE TERMINAL BLOCK SIZE 10 SQMM EARTH TERMINAL BLOCK SIZE 10 SQMM	4 2	WDU–10 WPE–10	.	WEIDMULLER
6	AISI316L INT/EXT EARTH BOLT M10	1	BTP–10	.	TECHNOR ITALSMEA
5	BRASS CONTINUITY PLATE THK. 0.8 MM	1	–	.	TECHNOR ITALSMEA
4	AISI316L CERTIFICATE PLATE 80X60	1	–	.	TECHNOR ITALSMEA
3	NICKEL PLATED BRASS PLUG M25	2	T25	.	TECHNOR ITALSMEA
2	INTERNAL MOUNTING PLATE	1	PS–2526	.	TECHNOR ITALSMEA
1	GRP ENCLOSURE	1	AQ–252612P	.	TECHNOR ITALSMEA

-UNPAINTED (BLACK NATURAL)
Q.TY 6, ITEM 50: 1EQP155,
ELEJB-SOCK01

Explosion Proof
Electrical Equipment
Materiali Elettrici Antideflagranti
TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	20/12/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
04	26/11/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
03	25/10/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)

Junction Box with 16A Power Sockets

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001481-EL-DA-00003

SHEET 008

REV. 05

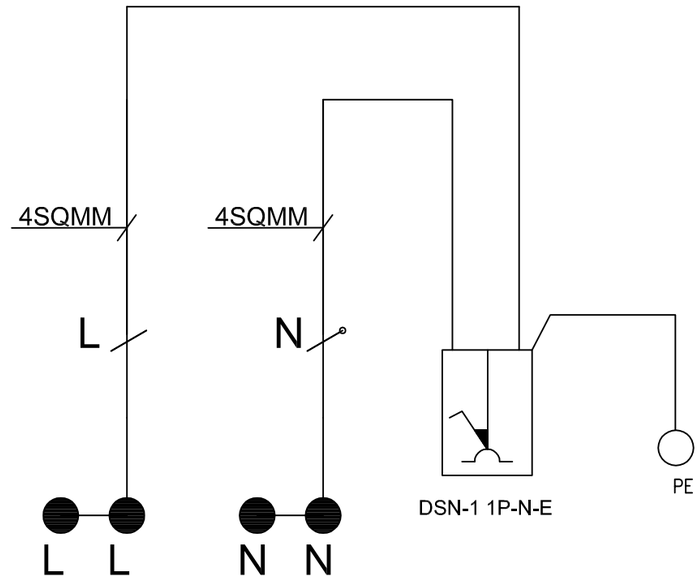
F.to UNI A3: 420mmx297mm

File Name : 1724001481-EL-DA-00003 Rev. 01

	01	02	03	04	05	06	07	08	09

CABLES TRI-RATED 0,6/1kV
COLOR CODE:
-L=BLACK
-N=BLUE

230Vac 1Ph+N+PE



LEGEND

- TERMINAL
- BRIDGED TERMINALS
- SOCKET
- CABLE

DESCRIPTION			.		DSN–1 SOCKET 1P+N+E 16A	.	.	.	.	.	.
CIRCUIT N°			.	.	.	.	.	.	.	.	.
FEEDER	TYPE					.	.	.	.	.	.
	CODE		.	.	.	.	.	.	.	.	.
TOTAL POWER		kW	.	.	.	.	.	.	.	.	.
CONTEMPORANEITY FACTOR			.	.	.	.	.	.	.	.	.
ABSORBED POWER		kW	.	.	.	.	.	.	.	.	.
ABSORBED CURRENT		A	.	.	.	.	.	.	.	.	.
CIRCUIT BREAKER or	TYPE					.	.	.	.	.	.
ON–LOAD SWITCH	POLES NUMBER x CURRENT					.	.	.	.	.	.
FUSES	TYPE		.	.	.	.	.	.	.	.	.
	RATING	A	.	.	.	.	.	.	.	.	.
CONTACTOR	MANUFACTURER		.	.	.	.	.	.	.	.	.
	MODEL		.	.	.	.	.	.	.	.	.
	POLES NUMBER x CURRENT		.	.	.	.	.	.	.	.	.
	NOMINAL POWER	kW	.	.	.	.	.	.	.	.	.
EARTH LEAKAGE	TYPE			.	.	.	.	.	.	.	.
	NOMINAL RANGE	mA		.	.	.	.	.	.	.	.
POWER LINE DATA	CABLE TYPE		.	.	.	.	.	.	.	.	.
	FORMATION / SIZE		.	.	.	.	.	.	.	.	.
	LENGHT	m	.	.	.	.	.	.	.	.	.
	VOLTAGE DROP	%	.	.	.	.	.	.	.	.	.
TERMINALS	SECTION	sqmm	2XWDU–10		2XWDU–10		2XWPE–10	.	.	.	.
	MARKING	–X	L–L		N–N		PE–PE	.	.	.	.

Explosion Proof
Electrical Equipment
Materiali Elettrici Antideflagranti

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A COMPANY OF MARECHAL ELECTRIC

CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	20/12/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
04	26/11/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
03	25/10/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)

Junction Box with 16A Power Sockets–Wiring Diagram

CONTRACT NO./TITLE CW–I–WP4–2023–05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001481–EL–DA–00003

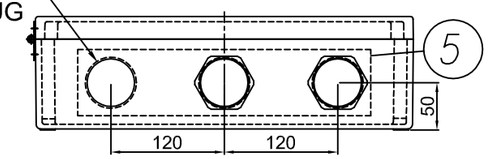
SHEET 009

REV. 05

F.to UNI A3: 420mmx297mm

File Name : 1724001481–EL–DA–00003 Rev. 01

(8)(3) N°3 PASSING HOLES Ø50.2
C/W N°2 BNK PLUG M50 +
N°1 DUSTPROOF PVC PLUG



(4) I2400722-B040I00029802

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC
Via Italia 33 - 20060 Gessate (MI) ITALY

MADE IN ITALY

Serial Nr.:
Year of construction:

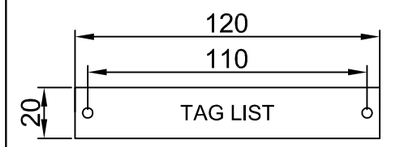
Type: MXBS-414012P

400VAC 50Hz 125A

T.amb -20/+50°C

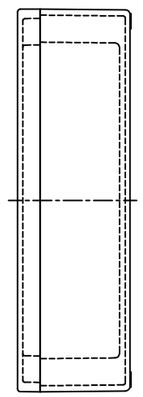
IP66

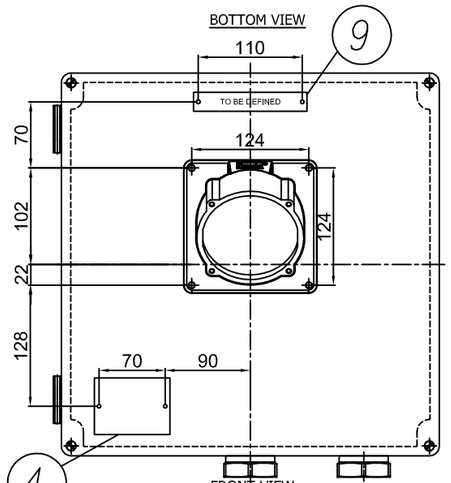
(9) PLATE DETAIL



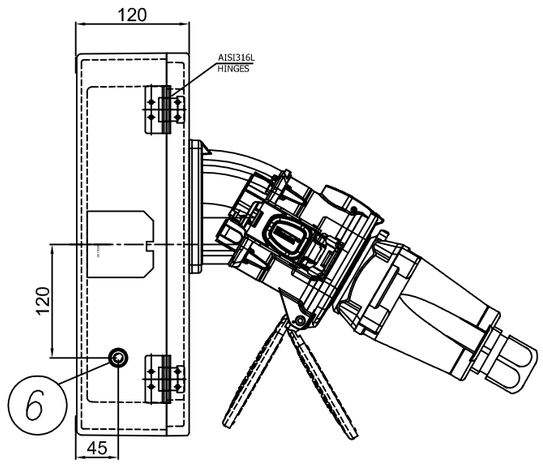
MATERIAL: LAMINATED PLASTIC
BACKGROUND: WHITE
LETTERS: BLACK

(7) TERMINALS NUMBERED
L1-L1,L2-L2,L3-L3,N-N,PE,PE
BRIDGED

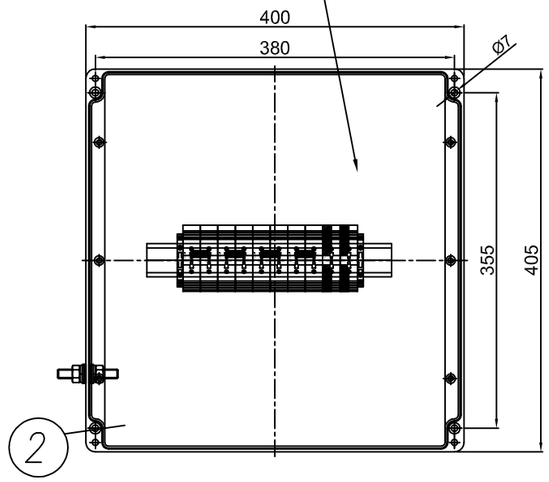

RIGHT VIEW



FRONT VIEW

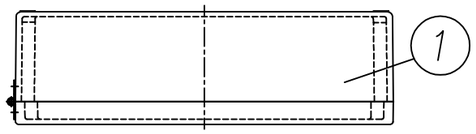


LEFT VIEW



INTERNAL VIEW

10



TOP VIEW

ENCLOSURE N°	TAG LIST
1	ESW-200N2-01
2	ESW-200N2-02
3	ESW-200N1-01
4	ESW-200N1-02

ITEM	DESCRIPTION	Pcs Q.TY	NOTE/MAT.	CODE	MANUFACTURER
10	DS9 SOCKET 3P+N+E 400VAC 125A	1	515M3+3194017 3198017+555P0D49	.	MARECHAL
9	LAMINATED PLASTIC TAG 120X20	1	–	.	TECHNOR ITALSMEA
8	DUSTPROOF PVC PLUG Ø50	1	–	.	TECHNOR ITALSMEA
7	BEIGE TERMINAL BLOCK SIZE 50 SQMM COMPACT EARTH TERMINAL BLOCK SIZE 50 SQMM COMPACT	8 2	WDU–50N WPE–50N	.	WEIDMULLER
6	AISI316L INT/EXT EARTH BOLT M10	1	BTP–10	.	TECHNOR ITALSMEA
5	BRASS CONTINUITY PLATE THK. 0.8 MM	1	–	.	TECHNOR ITALSMEA
4	AISI316L CERTIFICATE PLATE 80X60	1	–	.	TECHNOR ITALSMEA
3	NICKEL PLATED BRASS PLUG M50	2	T50	.	TECHNOR ITALSMEA
2	INTERNAL MOUNTING PLATE	1	PS–4140	.	TECHNOR ITALSMEA
1	GRP ENCLOSURE	1	AQ–414012P	.	TECHNOR ITALSMEA

-UNPAINTED (BLACK NATURAL)
Q.TY 4, ITEM 60: 1EQP155,
ELEJB-SOCK02

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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	20/12/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
04	26/11/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
03	25/10/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)

Junction Box with 125A Welding Socket

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001481-EL-DA-00003

SHEET 010

REV. 05

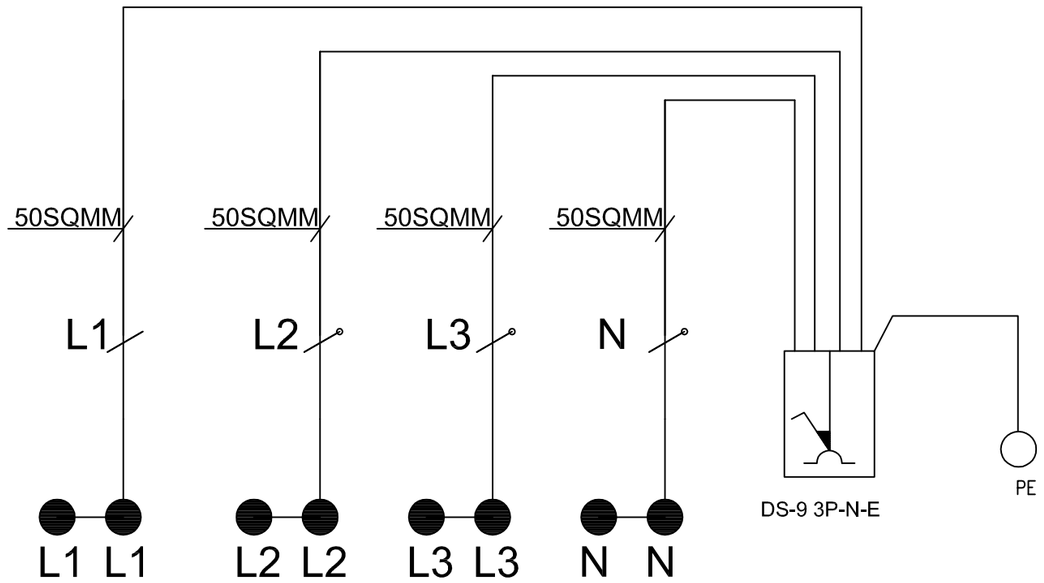
F.to UNI A3: 420mmx297mm

File Name : 1724001481-EL-DA-00003 Rev. 01

	01	02	03	04	05	06	07	08	09

CABLES TRI-RATED 0,6/1kV
COLOR CODE:
-L1=BLACK
-L2=GREY
-L3=BROWN
-N=BLUE

400Vac 3Ph+N+PE



LEGEND

- TERMINAL
- BRIDGED TERMINALS
- SOCKET
- CABLE

DESCRIPTION										
		.			. .	DS9 SOCKET 3P+N+E 125A	. .	. .	. .	. .
CIRCUIT N°		.	.	.	.	.	.	.	.	.
FEEDER	TYPE				.	.	.	.	.	.
	CODE	.	.	.	.	.	.	.	.	.
TOTAL POWER	kW	.	.	.	.	.	.	.	.	.
CONTEMPORANEITY FACTOR		.	.	.	.	.	.	.	.	.
ABSORBED POWER	kW	.	.	.	.	.	.	.	.	.
ABSORBED CURRENT	A	.	.	.	.	.	.	.	.	.
CIRCUIT BREAKER or ON–LOAD SWITCH	TYPE				.	.	.	.	.	.
	POLES NUMBER x CURRENT				.	.	.	.	.	.
FUSES	TYPE	.	.	.	.	.	.	.	.	.
	RATING A	.	.	.	.	.	.	.	.	.
CONTACTOR	MANUFACTURER	.	.	.	.	.	.	.	.	.
	MODEL	.	.	.	.	.	.	.	.	.
	POLES NUMBER x CURRENT	.	.	.	.	.	.	.	.	.
	NOMINAL POWER kW	.	.	.	.	.	.	.	.	.
EARTH LEAKAGE	TYPE		.	.	.	.	.	.	.	.
	NOMINAL RANGE mA		.	.	.	.	.	.	.	.
POWER LINE DATA	CABLE TYPE	.	.	.	.	.	.	.	.	.
	FORMATION / SIZE	.	.	.	.	.	.	.	.	.
	LENGHT m	.	.	.	.	.	.	.	.	.
	VOLTAGE DROP %	.	.	.	.	.	.	.	.	.
TERMINALS	SECTION sqmm	2XWDU–50N	2XWDU–50N	2XWDU–50N	2XWDU–50N	.	2XWPE–50N	.	.	.
	MARKING –X	L1–L1	L2–L2	L3–L3	N–N	.	PE–PE	.	.	.

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	20/12/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
04	26/11/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
03	25/10/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
01	03/09/24	FB	OB	OB	ACCEPTED FOR CONSTRUCTION (AFC)
00	30/07/24	FB	OB	OB	ISSUE FOR REVIEW (IFR)

Explosion Proof
Electrical Equipment
Materiali Elettrici Antideflagranti
TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)

Junction Box with 125A Welding Socket–Wiring Diagram

CONTRACT NO./TITLE CW–I–WP4–2023–05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001481–EL–DA–00003

SHEET 011

REV. 05

F.to UNI A3: 420mmx297mm

File Name : 1724001481–EL–DA–00003 Rev. 01

Sub-section 1.4

EQUIPMENT TECHNICAL DATA SHEET

1724001481-EL-DS-00004

Base Load Power Hub (BLPH)

JB, SOCKET

EQUIPMENT TECHNICAL DATA SHEET

Document Number: 1724001481-EL-DS-00004

Document Class: 2

ROSETTI MARINO

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
	21/10/2024

Rev.	Date	Description	Prepared	Reviewed	Approved
03	21/10/2024	Accepted for Construction (AFC)	A. Sortino	M. Berzoini	M. Berzoini
02	04/10/2024	Accepted for Construction (AFC)	A. Sortino	M. Berzoini	M. Berzoini
01	12/09/2024	Issue for Review (IFR)	A. Sortino	M. Berzoini	M. Berzoini
00	02/08/2024	Issue for Review (IFR)	A. Sortino	M. Berzoini	M. Berzoini

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

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Table of Contents

SH.	DESCRIPTION	REVISIONS							
		00	01	02	03				
1	Cover	X	X	X	X				
2	Table of Contents	X	X	X	X				
3	Revision / Change Log / Hold List	X	X	X	X				
4	EQUIPMENT TECHNICAL DATA SHEET	X	X	X	X				

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Revision / Change Log

Rev.	Description
00	Issue for Review (IFR)
01	Issue for Review (IFR)
02	Accepted for Construction (AFC)
03	Accepted for Construction (AFC)

HOLDS LIST

No.	Description
1.	
2.	
3.	
4.	

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ENCLOSURES / JUNCTION BOXES WITH TERMINALS

SB../ST.. Series - AISI 316 L Stainless steel

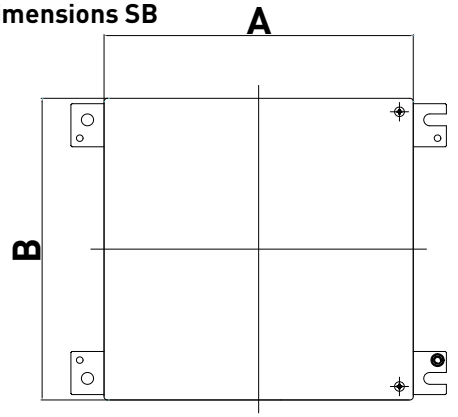


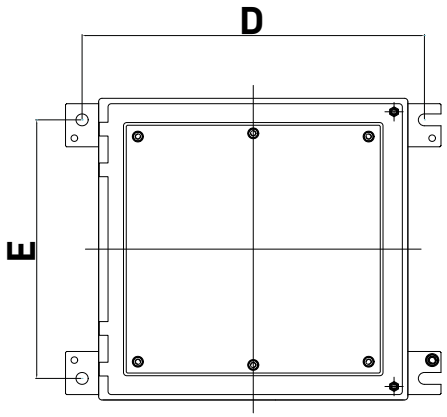
- SB../ST.. Series enclosures are suitable for housing Ex e/eb and Ex i terminals and can be provided with internal mounting plate to facilitate terminal board mounting.
- Maximum numbers of terminals varies according to: terminals section and current, enclosure size, operating temperature and required temperature class.
- Suitable for installation in ON/OFF-SHORE plants, in the presence of chemical agents and in any other highly corrosive environment.
- Full customization from 100x120x100 mm to 910x1140x500 mm: our technical department will support you in designing the best solution according to your needs and within the limits of the certificate.
- Full range of off-the-shelf solutions to ensure the best lead time on the market at a competitive pricing.

TECHNICAL FEATURES

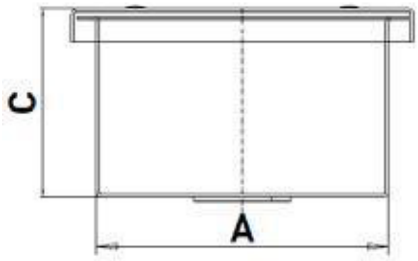
Material	AISI316L stainless steel - with thickness 1,5 mm - upon request other thickness available		
IP rating	IP66/IP67	IP66/IP67	IP55/IP66 (SBHT.. Series high temperature)
Shock resistance	IK 10	IK 10	IK 10
Ambient temperature range	Ambient From -50°C to +95°C	Service From -50°C to +105°C	SBHT.. Series: From -60°C to +150°C
Approvals	Full conformity Certificate: FIDI 21 ATEX 0090X IECEx FIDI 21.0015X EAC: RU C-IT.BH02.B.00593/20	Component Certificate: FIDI 21 ATEX 0075U IECEx FIDI 21.0012U EAC: RU C-IT.BH02.B.00593/20	SBHT.. - high temperature: TÜV CY 18 ATEX0206009 IECEx EXA 18.0001 EAC: RU C-IT. BH02.B.00593/20
Approvals	UL listed: NEMA TYPE 1, 4, 4X,12 UL 508A-CSAC22.2No.14-13 KC: from KA4BO-0382X to KA4BO-0387X ECAS-Ex		
Marking	Full conformity Certificate: II 1 G Ex ia IIC T6...T4 Ga II 2G Ex eb and/or ia/ib IIC T6 Gb II 2D Ex tb IIIC T85°C...T135°C Db	Component Certificate: II 2 GD Ex eb IIC Gb Ex tb IIIC Db	SBHT.. - high temperature: II 1 G Ex ia IIC T* Ga II 2 G Ex eb and/or ia ib IIC T* Gb* Gas: T6/T5/T4/T3
Surface treatment	Acid treatment (pickling) Electro-polishing treatment		
Standard certificate label	Made by self adhesive UV and corrosion resistant polyester approved by certified Laboratory		
Included accessories	Screws and accessories in AISI316L stainless steel		
Optional accessories	Side removable gland plate Without hinges Drain/Breather valve Laminated plastic/Stainless steel certificate label Internal mounting plate Locking facility Internal/external through earth bolt		
Available versions	ST Version (with only 1/4 turn key and hinges) without screw Standard version: up to internal temperature of 105°C HT version: up to internal temperature of 130°C		

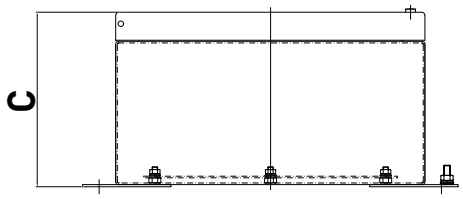
Dimensions SB





SHAPE FOR SB-101210 AND 151510





SB Series - AISI 316 L stainless steel

CODE	TYPE	DIMENSION [mm]					WEIGHT [kg]	MOUNTING PLATE
		A	B	C	FIXING D	FIXING E		
B016I00000136	SB-142013	140	200	130	170	-	5	90X150
B016I00000135	SB-151510***	150	150	100	180	-	4	-
B016I00000137	SB-202016	200	200	160	230	160	6	150X150
B016I00000138	SB-202713	200	270	130	230	230	7	150X220
B016I00000139	SB-202716	200	270	160	230	230	7,5	150X220
B016I00000140	SB-272713	270	270	130	300	230	8	220X220
B016C10142526	SB-273513	270	350	130	300	310	9,5	220X300
B016I00000141	SB-273516	270	350	160	300	310	11	220X300
B016I00000142	SB-282816	280	280	160	310	240	10	230X230
B016I00000143	SB-282827	280	280	270	310	240	12	230X230
B016C12244408	SB-353516	350	350	160	380	310	13	300X300
B016I00000144	SB-353520	350	350	200	380	310	13,5	300X300
B016I00000145	SB-355016	350	500	160	380	460	16	300X450
B016I00000146	SB-355020	350	500	200	380	460	17,5	300X450
B016C10142527	SB-383816	380	380	160	410	340	14	330X330
B016I00000147	SB-383820	380	380	200	410	340	15	330X330
B016I00000148	SB-383827	380	380	270	410	340	17	330X330
B016I00000149	SB-384516	380	450	160	410	410	16	330X400
B016I00000150	SB-384520	380	450	200	410	410	17	330X400
B016I00000151	SB-385716	380	570	160	410	530	20	330X520
B016C12244409	SB-505016	500	500	160	530	460	22	450X450
B016I00000152	SB-505020	500	500	200	530	460	23,5	450X450
B016I00000153	SB-575716	570	570	160	600	530	26	520X520
B016I00000154	SB-575720	570	570	200	600	530	28,5	520X520
B016I00000155	SB-575730	570	570	300	600	530	33	520X520
B016I00000156	SB-577620	570	760	200	600	720	35,5	520X710
B016I00000157	SB-769520	760	950	200	790	910	53	710X900
on request	SB-385720	380	570	200	410	530	25	330X520

***The enclosure is without hinges and complete with TS35x7,5 Omega rail welded on the back
Other sizes up to 1500 x 960 x 500 cm contact our Sales Dept.
These enclosures refer to the empty and undrilled enclosures, sold under component certificate.
For complete junction boxes is necessary to ask to the Sales Dept.

FLAMEPROOF

ECR-3 - Drain valve

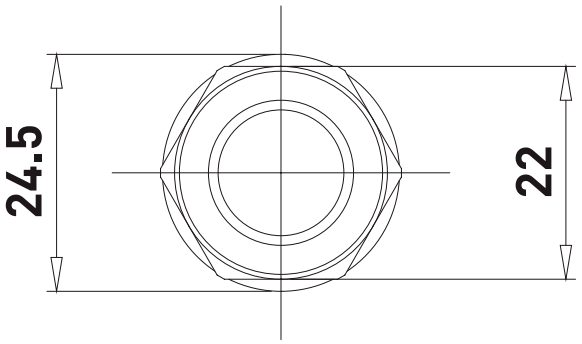


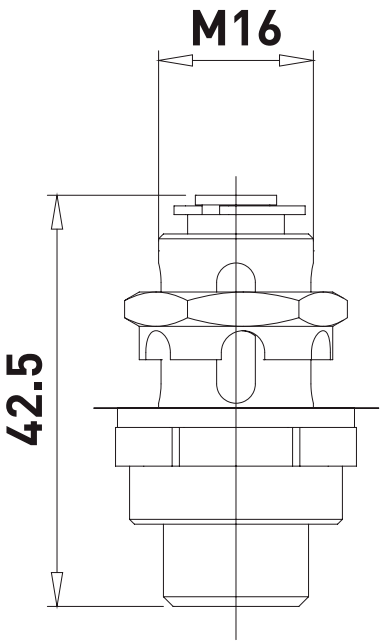
- Drain valve ECR3 is a device intended for use to evacuate the water generated due to condensation inside the enclosure.
- Drain valve is assembled in the lowest part or side part of the enclosure because the water is accumulated in bottom part of enclosure.
- Water will come out with the presence of drain valve device.
- Made of stainless steel or galvanized steel.
- Gasket is in aluminium.
- O-ring is in silicon rubber.
- IP66/IP67 in closed position (IP44 when installed on the bottom or on the side of enclosure*) *for detail see instruction note

TECHNICAL FEATURES

Material	Stainless steel AISI 316 L
IP rating	IP66/IP67 in closed position and IP44 in open position.
Ambient temperature range	-50°C +105°C
Approvals	ATEX: IMQ 14 ATEX 019U – IECEx: IMQ 14.0008U - EAC: RU C-IT.BH02.B.00593/20
Marking	Ex II 2GD – Ex e IIC Gb – Ex tb IIIC IP66/67
Standard compliance	EN60079-0:2012; EN60079-7:2007; EN60079-31:2009 IEC60079-0:2011; IEC60079-7:2006-07; IEC60079-31:2008
Zones	1; 21
Gaskets	Silicone gasket (continuous use temperature -60 ° C + 220 ° C)
Entries	Need to hole M16 x 1.5 6H or diameter from 16 mm to 16.5 mm and seal metal aluminum EN-AW 1050.

Dimensions ECR-3





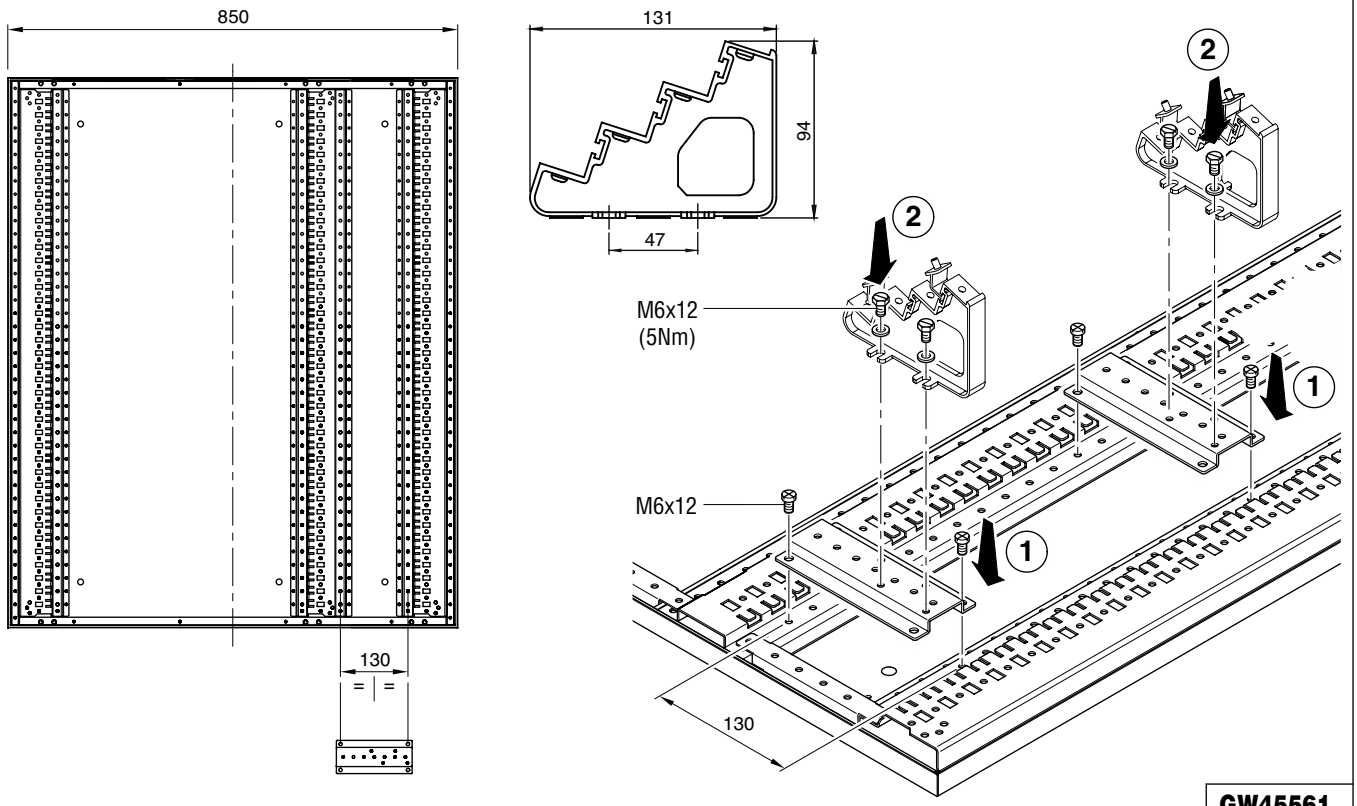
Drain valve ECR-3

CODE	TYPE
B080909000006	ECR 3 DRAIN VALVE

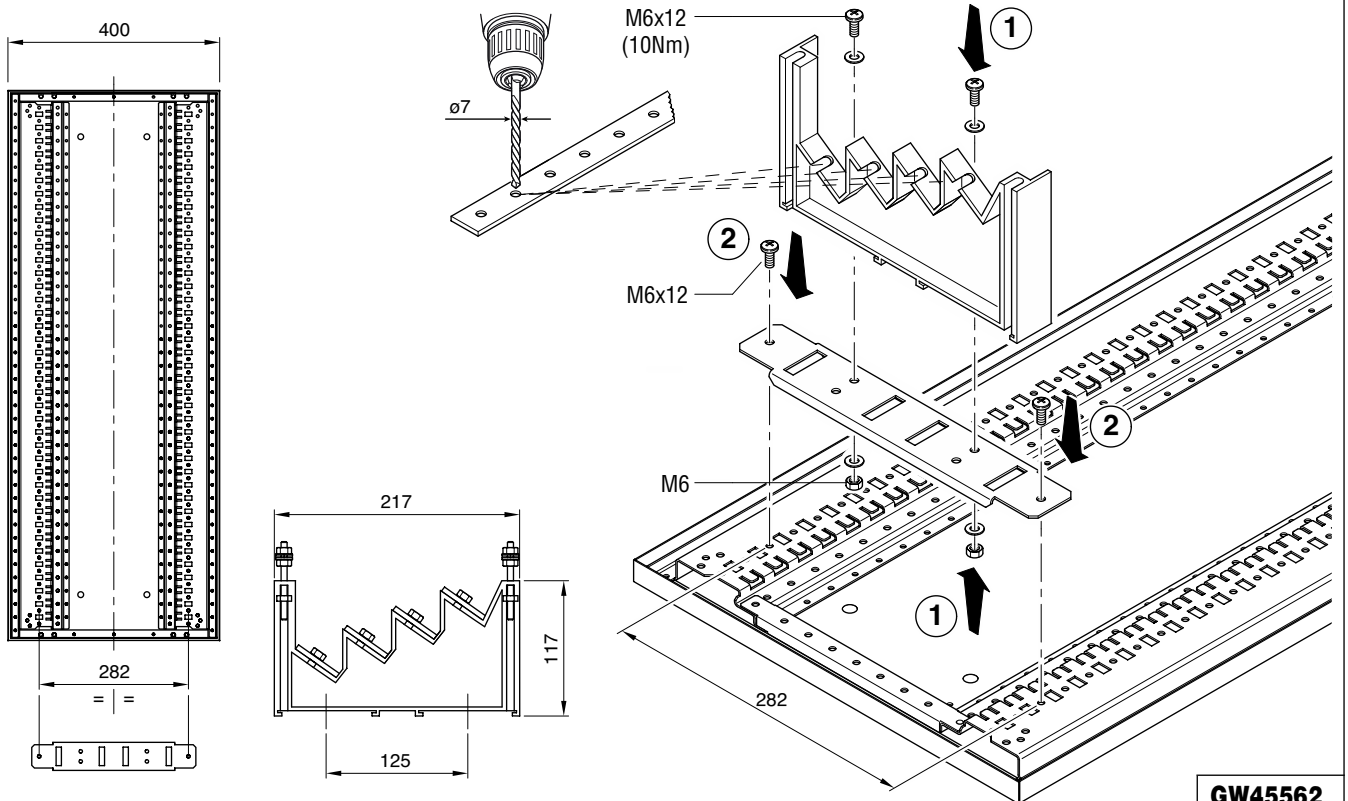
KIT PORTABARRE

BAR HOLDER KIT - KIT PORTE-BARRES - *KIT PORTABARRAS* - KIT STANGENHALTER

KIT PORTABARRE SCALARE BARRE PIATTE 250-400-630A - *SCALAR FLAT BAR HOLDER KIT 250-400-630A*
KIT PORTE-BARRES SCALAIRE BARRES PLATES 250-400-630A - *KIT PORTABARRAS ESCALAR BARRAS PLANAS 250-400-630A*
KIT SKALARE STANGENHALTER FLACHE STANGEN 250-400-630A

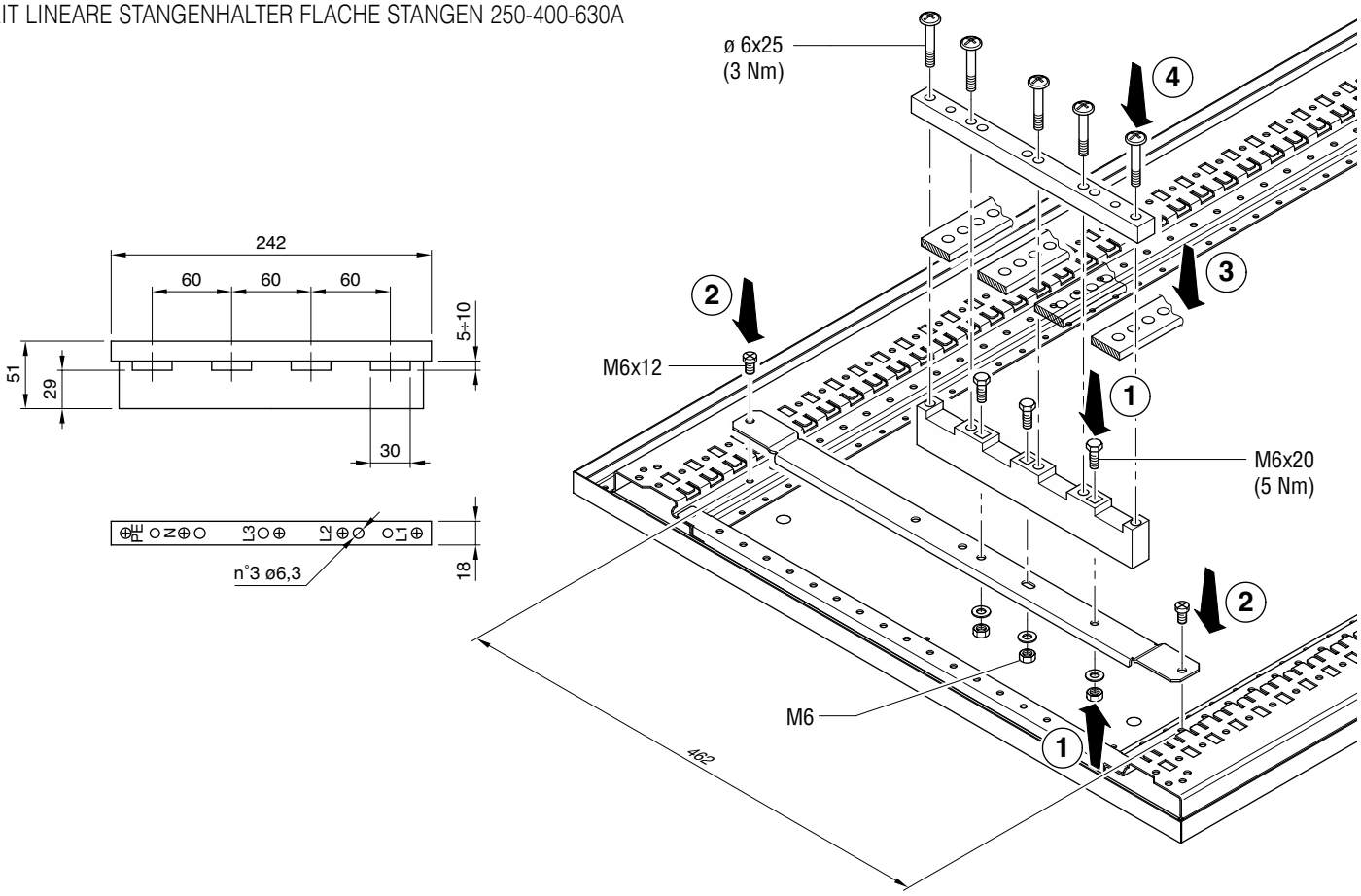


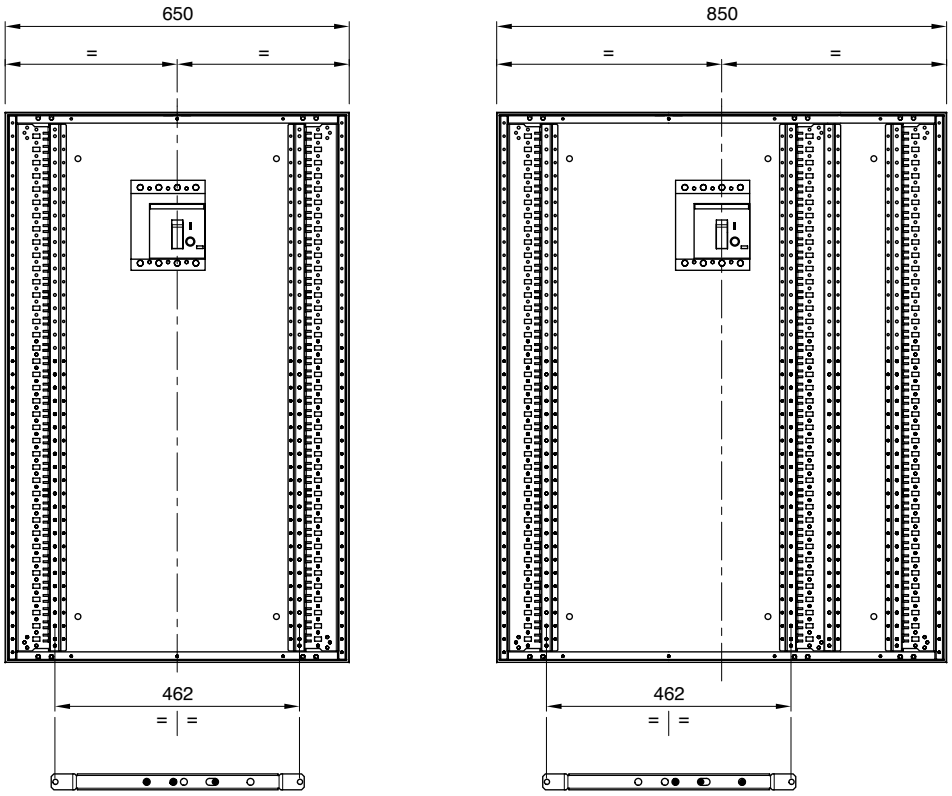
GW45561



GW45562

KIT PORTABARRE LINEARE BARRE PIATTE 250-400-630A - *LINEAR FLAT BAR HOLDER KIT 250-400-630A*
KIT PORTE-BARRES LINÉAIRE BARRES PLATES 250-400-630A - *KIT PORTABARRAS LINEAL BARRAS PLANAS 250-400-630A*
KIT LINEARE STANGENHALTER FLACHE STANGEN 250-400-630A





GW45563

GEWISS - *MATERIALE ELETTRICO*

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cod. 7.57.3.897.1

ULTIMA REVISIONE 10/2012

ENCLOSURES / JUNCTION BOXES WITH TERMINALS

AQ../AR.. Series - Glassfiber reinforced polyester



- AQ../AR.. Series enclosures are ideally suited for chemical and petrochemical environments;
- Made of GRP (Glassfiber reinforced polyester), AQ../AR.. enclosures guaranteed high resistance to sea water corrosion and can withstand the harshest temperatures;
- Used to house Ex e and Ex i terminals. Maximum number of terminals changes according to: terminals section, enclosure operating temperature and required temperature class.

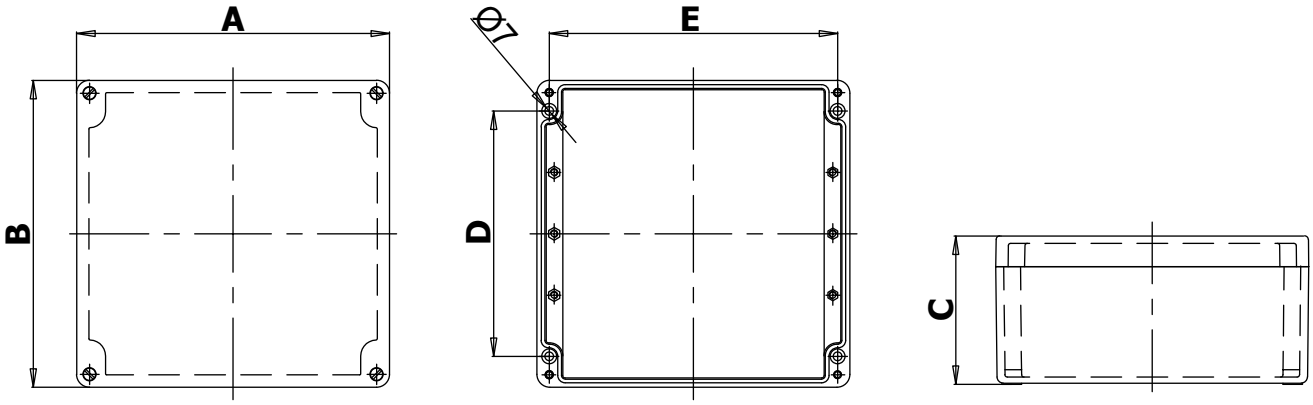
MARKING

II 1 G Ex ia IIC T6/T5/T4 Ga II 2GD Ex eb IIC T6/T5/T4 Gb or Ex tb IIIC T85°C/T100°C/T135°C Db	Component marking II 2GD Ex eb IIC Gb Ex tb IIIC Db

TECHNICAL FEATURES

Material	GRP (Glassfiber reinforced polyester)	
IP rating	IP66	
Shock resistance	IK10	
Ambient temperature range	Ambient -50°C to +95°C	Service -50°C to +105°C
Approvals	Full Conformity Certificate: FIDI 21 ATEX 0090X IECEx FIDI21.0015X EAC: RUC-IT.BH02.B.00593/20 ECAS-Ex	Component Certficate: FIDI21ATEX0075U IECEx FIDI21.0012U EAC:RUC-IT.BH02.B.00593/20
Standard certificate label	Made by self adhesive UV and corrosion resistant polyester, approved by certified Laboratory.	
Included accessories	Screw in AISI304	
Optional accessories	Hinges Drain/breather valve Laminated plastic/Stainless steel certificate label Internal mounting plate Earth continuity plates Passing through earth bolt Screw in AISI316L	
Available versions	Standard version: up to internal temperature of 105°C HT version: up to internal temperature of 130°C	

Dimensions AQ../AR..



AQ../AR.. Series - Junction boxes - Standard versions*

CODE	TYPE	DIMENSION [mm]					WEIGHT [kg]	MOUNTING PLATE
		A	B	C	FIXING D	FIXING E		
B011041010008	AQ-080808P*	75	80	75	45	68	0,26	-
B011031010001	AR-081106P*	75	110	60	45	98	0,29	-
B011041010002	AQ-121209P*	122	120	90	82	106	0,75	100X100
B011031010002	AR-122209P*	120	220	90	82	204	1,06	100X195
B011041010003	AQ-161609P*	160	160	90	110	140	1,29	130X130
B011031010003	AR-162609P*	160	260	90	110	240	1,71	130X240
B011031010004	AR-163609P*	160	360	90	110	340	2,15	130X340
B011041010004	AQ-252612P*	250	255	120	200	235	2,65	210X232
B011041010005	AQ-252616P*	250	255	160	200	235	2,85	210X232
B011031010006	AR-254012P*	250	400	120	200	380	3,65	210X380
B011031010007	AR-254016P*	250	400	160	200	380	3,85	210X380
B011031010008	AR-256012P*	250	600	120	200	580	5,23	210X580
B011041010006	AQ-414012P*	405	400	120	355	380	5,58	360X375

*HT version upon request

AQ../AR.. Series - Junction boxes - Only HT version

CODE	TYPE	DIMENSION [mm]					WEIGHT [kg]	MOUNTING PLATE
		A	B	C	FIXING D	FIXING E		
B011031010011	AR-081108P-HT	75	110	75	45	98	0,32	-
B011031010012	AR-081608P-HT	75	160	75	45	148	0,53	-
B011031010015	AR-082308P-HT	75	230	75	45	218	0,72	-
B011041010010	AQ-363609P-HT	360	360	90	310	340	4,1	320X340
B011041010007	AQ-414020P-HT	405	400	201	355	380	8,88	360X375
B011041010009	AQ-202017P-HT**	200	200	165	175	175	2	170X180
B011031010017	AR-203017P-HT**	200	300	165	175	275	2,22	170X265
B011031010018	AR-304020P-HT**	300	400	195	220	300	4	250X370
B01103101C005	AR-406025P-HT**	400	600	252	320	500	7,37	345X565

**Version with hinged lead and 1/4 closing system turned key
D and E dimensions refer to fixing
These enclosures refer to the empty and undrilled enclosures, sold under component certificate.
For complete junction boxes is necessary to ask to the Sales Dept.

FITTINGS

T Series - Exagonal plugs



Type A



Type B



Type C

T.. series hexagonal plugs are used to close the unused entries, they have both Ex d and Ex e mode of protection.

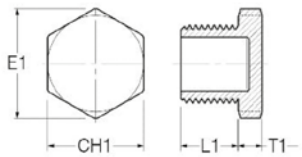
MARKING

II 2GD
Ex d/e IIC Gb
Ex tb IIIC Db IP66/68

I M2
Ex d/e I Mb

Material	Nickel chrome plated brass AISI 316 L Stainless steel (other materials upon request)
IP rating	IP66/IP68
Ambient temperature range	-40°C +100°C with EPDM or Nylon gaskets -65°C +220°C with Silicone gaskets -65°C +400°C without gaskets
Approvals	Certified 12ATEX 0089X IEC Ex INE 10.0014X EAC
Thread	Metric pitch 1,5, NPT (other threads upon request)
Optional accessories	Locknut, Gasket

Dimensions



T.. Series Hexagonal head plugs

CODE		TYPE	SIZE	THREAD	DIMENSIONS [mm]				TYPE
BRASS	AISI 316 L				L1	T1	CH1	E1	
C020111203001	C020111403001	T20	M20 X 1,5	METRIC	15	5	24	26	A - B
C020121203001	C020121403001	T25	M25 X 1,5	METRIC	15	5	30	33	A - B
C020131203001	C020131403001	T32	M32 X 1,5	METRIC	15	5	36	40	A - B
C020141203001	C020141403001	T40	M40 X 1,5	METRIC	15	5	45	50	A - B
C020151203001	C020151403001	T50	M50 X 1,5	METRIC	15	8	55	60	A - B
C020161203001	C020161403001	T63	M63 X 1,5	METRIC	15	8	68	74	A - B
C020171203001	C020171403001	T75	M75 X 1,5	METRIC	20	8	80	86	A - B
C020181203001	C020181403001	T80	M80 X 1,5	METRIC	20	8	100	107	A - B
C020112203001	C020112403001	T1N	1/2"	NPT	15	5	26	28,6	C
C020122203001	C020122403001	T2N	3/4"	NPT	15	5	30	33	C
C020132203002	C020132403001	T3N	1"	NPT	16	5	36	39,6	C
C020142203001	C020142403001	T4N	1" 1/4	NPT	17	5	45	46,5	C
C020152203001	C020152403001	T5N	1" 1/2	NPT	17	8	50	55	C
C020162203001	C020162403001	T6N	2"	NPT	18	8	68	74	C
C020172203001	C020172403001	T7N	2" 1/2	NPT	20	8	80	86	C
C020182203001	C020182403001	T8N	3"	NPT	20	8	100	107	C

WDU 6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Feed-through terminal block, Screw connection, dark beige, 6 mm², 41 A, 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid, 130 °C
Order No.	1020200000
Type	WDU 6
GTIN (EAN)	4008190163440
Qty.	100 pc(s).

WDU 6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Height	60 mm
Height (inches)	2.362 inch	Width	7.9 mm
Width (inches)	0.311 inch	Net weight	12.75 g

Temperatures

Storage temperature	-25 °C...55 °C	Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	690 V	Current (ATEX)	41 A
Wire cross section max. (ATEX)	10 mm²	Max. voltage (IECEX)	690 V
Current (IECEX)	41 A	Wire cross section max. (IECEX)	10 mm²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Cross-section for connected wire, solid, two clampable wires, max.	2.5 mm²	Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	2.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm²	Wire cross-section, finely stranded, two clampable wires, max.	2.5 mm²

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

WDU 6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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Technical data

CSA rating data

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	50 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm			
Clampable conductor	Connection specification	Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm²	
		max.	10 mm²	
		nominal	6 mm²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0.8 Nm
			max.	1.6 Nm
		Recommended wire-end ferrule		
	Connection specification	Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 mm²	
		max.	10 mm²	
		nominal	6 mm²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0.8 Nm
			max.	1.6 Nm
		Recommended wire-end ferrule		
	Connection specification	Screw connection		
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	0.5 mm²	
		max.	10 mm²	
		nominal	6 mm²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0.8 Nm
			max.	1.6 Nm
		Recommended wire-end ferrule		
Clamping range, max.	10 mm²			
Clamping range, min.	0.22 mm²			
Clamping screw	M 3.5			
Connection cross-section, stranded, max.	10 mm²			
Connection cross-section, stranded, min.	1.5 mm²			
Connection direction	on side			
Gauge to IEC 60947-1	A5			

WDU 6

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Germany

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Technical data

Number of connections	2
Stripping length	12 mm
Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm
Torque level with DMS electric screwdriver	3
Twin wire-end ferrules, max.	4 mm²
Twin wire-end ferrules, min.	0.5 mm²
Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	10 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, solid core, max.	10 mm²
Wire connection cross-section, solid core, min.	0.5 mm²

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	6 mm²	Rated voltage	800 V
Rated DC voltage	800 V	Rated current	41 A
Current at maximum wires	57 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	50 A
Voltage size C (UR)	600 V		

WDU 6

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Technical data

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate UKCA Ex Attestation of Conformity CB Testreport CB Certificate DNVGL certificate NEMKO certificate Lloyds Register Certificate POLSKIREJ certificate UKCA Ex Certificate 16-AV4BO-0265U. CE Declaration of Conformity ATEX Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	NTI WDU/WPE 6 StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

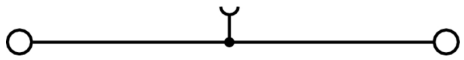
Creation date August 1, 2024 4:42:41 PM CEST

WDU 6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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www.weidmueller.com

Drawings



WPE 6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

General ordering data

Version	PE terminal, Screw connection, Green/yellow, 6 mm², 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	1010200000
Type	WPE 6
GTIN (EAN)	4008190090098
Qty.	50 pc(s).

WPE 6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Height	56 mm
Height (inches)	2.205 inch	Width	7.9 mm
Width (inches)	0.311 inch	Net weight	25.98 g

Temperatures

Storage temperature	-25 °C...55 °C	Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Wire cross section max. (ATEX)	6 mm²	Wire cross section max. (IECEX)	6 mm²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, With PE connection, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	Yes	Installation advice	when screwed in
Interlock	for screw fixing	Number of similar terminals	1
Open sides	closed	Type of mounting	when screwed in

CSA rating data

Certificate No. (CSA)	200039-1888378	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

WPE 6

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Technical data

Conductors for clamping (rated connection)

Blade size	4.0 x 0.8 mm	Clamping range, max.	10 mm²
Clamping range, min.	0.08 mm²	Clamping screw	M 3
Connection cross-section, stranded, max.	10 mm²	Connection cross-section, stranded, min.	1.5 mm²
Connection direction	on side	Gauge to IEC 60947-1	A5
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	1.3 Nm	Tightening torque, min.	0.8 Nm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	10 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, solid core, max.	10 mm²
Wire connection cross-section, solid core, min.	0.5 mm²		

Dimensions

TS 35 offset	50 mm

General

Installation advice	when screwed in	Rail	TS 35
Standards	IEC 60947-7-2		

PE rating data

Rated short-time current	720 A (6 mm²)	Centre screw on PE terminals	M 3
Tightening torque range for fixing screw	0.5...1.0 Nm	PEN function	No

Rating data

Rated cross-section	6 mm²	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage to adjacent terminal	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	20 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	20 AWG		

WPE 6

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Technical data

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ECLASS 9.0	27-14-11-41	ECLASS 9.1	27-14-11-41
ECLASS 10.0	27-14-11-41	ECLASS 11.0	27-14-11-41
ECLASS 12.0	27-14-11-41	ECLASS 13.0	27-25-01-03

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate UKCA Ex Attestation of Conformity CB Test Certificate CB Certificate DNVGL certificate Lloyds Register Certificate POLSKIREJ certificate UKCA Ex Certificate 16-AV4BO-0265U. CE Declaration of Conformity ATEX Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	NTI WDU/WPE 6 NTI WDU/WPE 6 SL EN StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

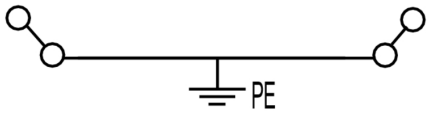
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WPE 6

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Drawings



WDU 95N/120N

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Product image



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Feed-through terminal block, Screw connection, dark beige, 120 mm², 269 A, 1000 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid, 130 °C
Order No.	1820550000
Type	WDU 95N/120N
GTIN (EAN)	4032248369300
Qty.	5 pc(s).

WDU 95N/120N

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Klingenbergstraße 26
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Technical data

Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Depth including DIN rail	91 mm	Height	91 mm
Height (inches)	3.583 inch	Width	27 mm
Width (inches)	1.063 inch	Net weight	261.8 g

Temperatures

Storage temperature	-25 °C...55 °C	Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	880 V	Current (ATEX)	221 A
Wire cross section max. (ATEX)	120 mm²	Max. voltage (IECEX)	880 V
Current (IECEX)	221 A	Wire cross section max. (IECEX)	120 mm²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, for screwable cross-connection, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	Yes

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Cross-section for connected wire, solid, two clampable wires, max.	10 mm²	Cross-section for connected wire, solid, two clampable wires, min.	35 mm²
Cross-section for connected wire, stranded, two clampable wires, max.	35 mm²	Cross-section for connected wire, stranded, two clampable wires, min.	10 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	35 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	10 mm²
Wire connection cross section, finely stranded, two clampable wires, min.	16 mm²	Wire cross-section, finely stranded, two clampable wires, max.	35 mm²

WDU 95N/120N

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Technical data

Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	closed
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	220 A
Voltage size C (CSA)	1000 V	Wire cross section max. (CSA)	0000 AWG
Wire cross section min. (CSA)	4 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Blade size	S6 (DIN 6911)	Clamping range, max.	150 mm²
Clamping range, min.	16 mm²	Clamping screw	M 10
Connection cross-section, stranded, max.	150 mm²	Connection cross-section, stranded, min.	16 mm²
Connection direction	on side	Gauge to IEC 60947-1	B13
Number of connections	2	Stripping length	27 mm
Tightening torque, max.	20 Nm	Tightening torque, min.	12 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 4	Wire connection cross section, finely stranded, max.	120 mm²
Wire connection cross section, finely stranded, min.	16 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	16 mm²	Wire connection cross-section, solid core, max.	16 mm²
Wire connection cross-section, solid core, min.	16 mm²		

Dimensions

TS 32 offset	64.5 mm

General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 4		

WDU 95N/120N

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Technical data

Rating data

Rated cross-section	120 mm²	Rated voltage	1,000 V
Rated DC voltage	1,000 V	Rated current	269 A
Current at maximum wires	290 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.12 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	8.61 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	250 kcmil
Conductor size Factory wiring min. (UR)	4 AWG	Conductor size Field wiring max. (UR)	250 kcmil
Conductor size Field wiring min. (UR)	4 AWG	Current size C (UR)	228 A
Voltage size C (UR)	1000 V	Wire cross section max. (UR)	250 kcmil
Wire cross section min. (UR)	4 AWG		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals

ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

WDU 95N/120N

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate UKCA Ex Attestation of Conformity UKCA Ex Certificate CE Declaration of Conformity ATEX Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	NTI WDU/WPE 95N/120 StorageConditionsTerminalBlocks Instruction Instruction User documentation WZAD
Catalogues	Catalogues in PDF-format
Brochures	

WDU 95N/120N

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Drawings

WPE 95N/120N

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Product image



A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

General ordering data

Version	PE terminal, Screw connection, Green/yellow, 95 mm², 1000 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	1846030000
Type	WPE 95N/120N
GTIN (EAN)	4032248394531
Qty.	5 pc(s).

WPE 95N/120N

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Klingenbergstraße 26
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www.weidmueller.com

Technical data

Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Depth including DIN rail	91 mm	Height	91 mm
Height (inches)	3.583 inch	Width	27 mm
Width (inches)	1.063 inch	Net weight	331 g

Temperatures

Storage temperature	-25 °C...55 °C	Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Wire cross section max. (ATEX)	120 mm²	Wire cross section max. (IECEX)	120 mm²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, With PE connection, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

Additional technical data

Explosion-tested version	Yes	Installation advice	when screwed in
Interlock	for screw fixing	Number of similar terminals	1
Open sides	closed	Type of mounting	when screwed in

CSA rating data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	0000 AWG
Wire cross section min. (CSA)	4 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

WPE 95N/120N

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Technical data

Conductors for clamping (rated connection)

Blade size	S6 (DIN 6911)	Clamping range, max.	150 mm²
Clamping range, min.	16 mm²	Clamping screw	M 10
Connection cross-section, stranded, max.	150 mm²	Connection cross-section, stranded, min.	16 mm²
Connection direction	on side	Gauge to IEC 60947-1	B13
Number of connections	2	Stripping length	27 mm
Tightening torque, max.	20 Nm	Tightening torque, min.	16 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 4	Wire connection cross section, finely stranded, max.	120 mm²
Wire connection cross section, finely stranded, min.	16 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	16 mm²	Wire connection cross-section, solid core, max.	16 mm²
Wire connection cross-section, solid core, min.	16 mm²		

General

Installation advice	when screwed in	Rail	TS 35
Standards	IEC 60947-7-2	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 4		

PE rating data

Rated short-time current	11400 A (95 mm²)	Centre screw on PE terminals	M 5
Tightening torque range for fixing screw	3.0...4.0 Nm	PEN function	Yes

Rating data

Rated cross-section	95 mm²	Rated voltage to adjoining terminal	1,000 V
Rated DC voltage	1,000 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.14 mΩ	Rated impulse withstand voltage to adjacent terminal	8 kV
Power loss in accordance with IEC 60947-7-x	7.42 W	Pollution severity	3

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	000 AWG
Conductor size Factory wiring min. (cURus)	4 AWG	Conductor size Field wiring max. (cURus)	000 AWG
Conductor size Field wiring min. (cURus)	4 AWG		

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ECLASS 9.0	27-14-11-41	ECLASS 9.1	27-14-11-41
ECLASS 10.0	27-14-11-41	ECLASS 11.0	27-14-11-41
ECLASS 12.0	27-14-11-41	ECLASS 13.0	27-25-01-03

WPE 95N/120N

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Technical data

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693
Certificate No. (cURusEX)	E184763

Downloads

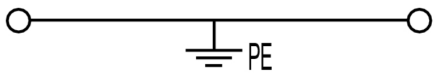
Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate CE Declaration of Conformity ATEX Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	NTI WDU/WPE 95N/120 StorageConditionsTerminalBlocks Instruction
Catalogues	Catalogues in PDF-format
Brochures	

WPE 95N/120N

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Drawings



WDU 10

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Product image



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Feed-through terminal block, Screw connection, dark beige, 10 mm², 57 A, 1000 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid, 130 °C
Order No.	1020300000
Type	WDU 10
GTIN (EAN)	4008190068868
Qty.	50 pc(s).

WDU 10

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Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Height	60 mm
Height (inches)	2.362 inch	Width	9.9 mm
Width (inches)	0.39 inch	Net weight	16.9 g

Temperatures

Storage temperature	-25 °C...55 °C	Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	690 V	Current (ATEX)	57 A
Wire cross section max. (ATEX)	10 mm²	Max. voltage (IECEX)	690 V
Current (IECEX)	57 A	Wire cross section max. (IECEX)	10 mm²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Cross-section for connected wire, solid, two clampable wires, max.	6 mm²	Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm²
Cross-section for connected wire, stranded, two clampable wires, max.	6 mm²	Cross-section for connected wire, stranded, two clampable wires, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	6 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm²	Wire cross-section, finely stranded, two clampable wires, max.	6 mm²

WDU 10

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Technical data

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	65 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	18 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm			
Clampable conductor	Connection specification	Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	1.5 mm²	
		max.	16 mm²	
		nominal	10 mm²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	1.2 Nm
			max.	1.9 Nm
		Recommended wire-end ferrule		
	Connection specification	Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 mm²	
		max.	16 mm²	
		nominal	10 mm²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	1.2 Nm
			max.	1.9 Nm
		Recommended wire-end ferrule		
	Connection specification	Screw connection		
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	1.5 mm²	
		max.	16 mm²	
		nominal	10 mm²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	1.2 Nm
			max.	1.9 Nm
		Recommended wire-end ferrule		
Clamping range, max.	16 mm²			
Clamping range, min.	1.31 mm²			
Clamping screw	M 4			

WDU 10

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Technical data

Connection cross-section, stranded, max.	16 mm²
Connection cross-section, stranded, min.	1.5 mm²
Connection direction	on side
Gauge to IEC 60947-1	B6
Number of connections	2
Stripping length	12 mm
Tightening torque, max.	1.9 Nm
Tightening torque, min.	1.2 Nm
Torque level with DMS electric screwdriver	4
Twin wire-end ferrules, max.	6 mm²
Twin wire-end ferrules, min.	1.5 mm²
Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 16
Wire connection cross section, finely stranded, max.	16 mm²
Wire connection cross section, finely stranded, min.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm²
Wire connection cross-section, solid core, max.	16 mm²
Wire connection cross-section, solid core, min.	1.5 mm²

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 16

Rating data

Rated cross-section	10 mm²	Rated voltage	1,000 V
Rated DC voltage	1,000 V	Rated current	57 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.82 W	Pollution severity	3

WDU 10

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	18 AWG	Conductor size Field wiring max. (UR)	6 AWG
Conductor size Field wiring min. (UR)	18 AWG	Current size C (UR)	65 A
Voltage size C (UR)	600 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals

ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

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Technical data

Downloads

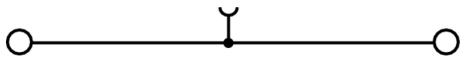
Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate UKCA Ex Attestation of Conformity CB Testreport CB Certificate DNVGL certificate NEMKO certificate Lloyds Register Certificate POLSKIREJ certificate UKCA Ex Certificate 16-AV4BO-0265U. CE Declaration of Conformity ATEX Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	NTI_ IECEx_WDU-WPE 10.pdf StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

WDU 10

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Drawings



WPE 10

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www.weidmueller.com

Product image



A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

General ordering data

Version	PE terminal, Screw connection, Green/yellow, 10 mm², 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	1010300000
Type	WPE 10
GTIN (EAN)	4008190031251
Qty.	50 pc(s).

WPE 10

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Height	56 mm
Height (inches)	2.205 inch	Width	9.9 mm
Width (inches)	0.39 inch	Net weight	30.28 g

Temperatures

Storage temperature	-25 °C...55 °C	Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Wire cross section max. (ATEX)	10 mm²	Wire cross section max. (IECEX)	10 mm²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, With PE connection, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	Yes	Installation advice	when screwed in
Interlock	for screw fixing	Number of similar terminals	1
Open sides	closed	Type of mounting	when screwed in

CSA rating data

Certificate No. (CSA)	200039-1888378	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	16 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

WPE 10

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Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm²
Clamping range, min.	1.31 mm²	Clamping screw	M 4
Connection cross-section, stranded, max.	16 mm²	Connection cross-section, stranded, min.	1.5 mm²
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	16 mm²
Wire connection cross section, finely stranded, min.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm²	Wire connection cross-section, solid core, max.	16 mm²
Wire connection cross-section, solid core, min.	1.5 mm²		

Dimensions

TS 35 offset	32 mm

General

Installation advice	when screwed in	Rail	TS 35
Standards	IEC 60947-7-2		

PE rating data

Rated short-time current	1200 A (10 mm²)	Centre screw on PE terminals	M 3
Tightening torque range for fixing screw	0.5...1.0 Nm	PEN function	No

Rating data

Rated cross-section	10 mm²	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage to adjacent terminal	8 kV
Power loss in accordance with IEC 60947-7-x	1.82 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	16 AWG	Conductor size Field wiring max. (UR)	6 AWG
Conductor size Field wiring min. (UR)	16 AWG		

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Technical data

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ETIM 8.0	EC000901	ETIM 9.0	EC000901
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Catalogues	Catalogues in PDF-format
Brochures	

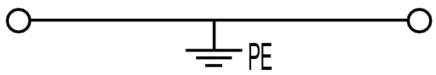
Creation date August 2, 2024 8:49:43 AM CEST

WPE 10

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Drawings



MXBS - Socket outlet combination boxes



These socket outlet combination boxes, available in different materials and sizes, are designed for making electrical connections in hazardous areas.
They can be equipped with 5 to 680A Marechal decontactors and/or 10 A Marechal multicontact connectors, offering from 12 to 37 contacts.
They provide increased and intrinsic safety, allowing them to be used in zones 1 & 2 (gas), 21 & 22 (dust).

This comprehensive range is perfect for wet and corrosive environments, such as food and beverage or chemical industries, thanks to its specific and high quality materials. It is possible to mount both socket-outlets and multicontact connectors on the same box: DXN1, DXN3, DXN6, PXN12C, DXN25C, DXN37C, SPeX, DXA1 and PNCX.

TECHNICAL FEATURES

Material	Enclosure: Stainless steel AISI316L, GRP or Aluminium Socket: GRP and/or Aluminium
IP rating	IP66
Ambient temperature range	-55°C to +60°C
Approvals	LCIE 17 ATEX 3005 X (Standard) IECEx LCIE 17.0003X (marking upon request) EAC (available for certificate INERIS 06 ATEX 0015)
Marking	II 2 GD Ex eb IIC T(**) Gb or Ex ia or ib IIC T(**) Gb or Ex eb ia or eb ib IIC T(**) Gb Ex tb IIIC T(**) Db IP66 ** T6/T80°C, T5/T95°C, T4/T105°C, T127°C, T130°C
Frequency	50 and/or 60Hz in AC
Electrical parameters	Ex eb: Umax=1000 V AC/DC; Imax=376A* (wiring with terminals); Imax=680A* (direct wiring) Ex ia/Ex ib: Ui<=⩽⩽750 V; Ii<=400A* Ex eb ia/Ex eb ib: Ui<=750 V; Um<=750 V; Ii<=400A* * The electrical parameters must be reduced, if relevant, according to the limitations of certified equipments used.
Standard certificate label	Made by self adhesive UV and corrosion resistant polyester, approved by certified Laboratory.
Optional accessories	Drain/breather valve Traffolyte/Stainless steel certificate label Cable glands Terminals Plug

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TECHNICAL DATASHEET
DS DECONTACTOR™

Date: 2023-02-16
Revision: 05

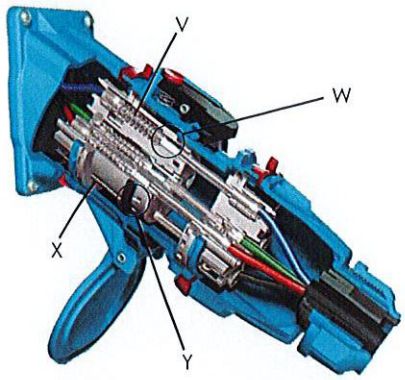
DS DECONTACTOR is a compact and waterproof plug and socket-outlet with integral switch for industrial purposes.

DS DECONTACTOR complies with the following regulations and standards(a) :
European Directives Low Voltage and RoHS (affixing of CE marking), REACH European Regulation,
standards IEC/EN 60309-1, IEC/EN 60309-4, IEC/EN 60947-3 (dealing with the load breaking capacities AC-22 and AC-23), UL 1682, UL 2682 (USA), CSA C22.2 N° 182.1-07 (Canada), GB/T 11918.1 (China).

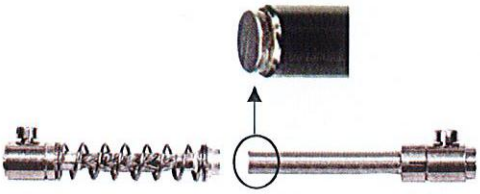
DS DECONTACTOR is certified by the following certification bodies:
LCIE (France), UL (USA), SAA (Australia), VDE (Germany), TR CU (Russia), CSA (Canada), CQC (China), Bureau Veritas Marine (DS9 only).

The use of DS DECONTACTOR facilitates the compliance with:
- electrical machinery to the "Machinery" European Directive on isolating device, and to standard EN 60204-1 : Safety of machinery-electrical equipment of machines
- electrical installation:
  * to national regulations relating to the improvement of the safety and health of workers at work in France, Italy, Spain, Belgium,
  * to installation standards : IEC 60364 (international), HD 60364 (European), NFPA 70 (USA) and NF C 15-100 (French) or other national transposition of IEC/HD 60364.

General information		DS6	DS9
(b)	I_n	90 A	150 A
	U_{max} (V AC/V DC)	1 000/1 500	1 000/1 500
(c)	Frequency (Hz)	≤ 500	≤ 500
(d)	Number of contacts	4P+E	4P+E
(e)	Number of keying positions	24	24
	Connection (min - max): mm²		
	Flexible conductors (Cu): main contacts	10 - 25	25 - 70
	Rigid/stranded conductors (Cu): main contacts	10 - 35	25 - 95
	Tightening torque - main contacts	4 Nm	9 Nm
	Wiring lugs	Option	Option
	Icc: conditional short circuit current (kA)		
	with gG fuse	10 kA	10 kA
	with RK1 NTD fuse	100 kA	100 kA
Auxiliaries / pilots contacts			
	I_n	5 A	10 A
	U_{max} (V AC/V DC)	500 V	400 V
(f)	Number of auxiliaries / pilots contacts	4 aux	6 aux
	Connection (min - max): mm²		
	Flexible wiring	2.2	2.2
	Tightening torque	Pre-wired	
Used as connector according to IEC/EN 61984: In		90 A	150 A
	U_{max}	1000 V AC	1000 V AC
		1500 V DC	1500 VDC
Breaking as plug and socket-outlet according to IEC/EN 60309-1		63 - 1 000	125 - 1 000
(g)	In (A) / Umax (V AC)	90 - 690	150 - 690
Breaking as switch according to IEC/EN 60947-3			
(g)	Category AC-22A: Ie (A) - Ue (V AC)	63 - 690	150 - 600
(g)	Category AC-23A: Ie (A) - Ue (V AC)	90 - 400	100 - 440
Breaking as plug and socket-outlet according to UL 2682			
	Power: HP	50	75
Increase of DC load-breaking capacity (contacts in series)		Option	Option
Number of operations			
	According to IEC/EN 60309-1 : Cos(Φ) 0,7	2 000	500
	According to UL 2682 : Cos(Φ) 0,75	6 000	6 000
Isolating distance		17 mm	18 mm
Thermal features			
	Temperature of use mini/maxi (°C)	-40/+60 °C	-40/+60 °C
	Storage temperature mini/max: (°C)	-40/+80 °C	-40/+80 °C
	Maximal temperature rise (Kmax)	37 K	33 K
	Time constant (to reach 63 % of Kmax)	26 mn	42 mn



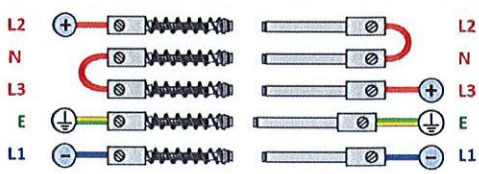
V : Contact spring
W : Arc chamber
X : Ejection spring
Y : Ejection ring



Contacts with silver nickel alloy tips (Ag/Ni : 85/15)



Spring assisted terminal:
Stainless steel ring



Contacts in series

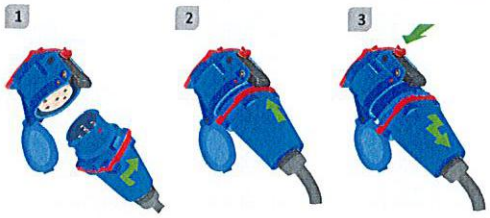
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TECHNICAL DATASHEET DS DECONTACTOR™

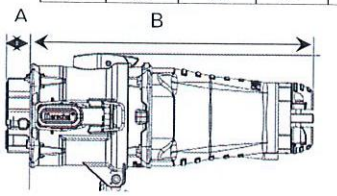
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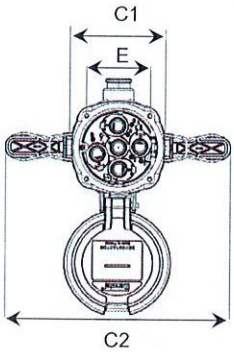
		DS6	DS9
Mechanical features			
(h) IP: connected device			
	Metal enclosure	IP66/IP67/IP69	
	Insulating enclosure	IP66/IP67/IP69	
(h) IP: lid/cap closed			
	Metal enclosure	IP66/IP67/IP69	
	Insulating enclosure	IP66/IP67/IP69	
(h) IP: socket-outlet with lid/cap opened		IP4X - Safety shutter	
(i) IK			
	Metal enclosure	IK09	IK10
	Insulating enclosure	IK09	IK09
Retaining/releasing device		Red release button	
(j) Casing			
	Metallic	Aluminium alloy	
	Insulating	GRP (poly)	
	Standard color	MARECHAL® Blue	
	Other colors	On request	
Vibrations resistance		✓	✓
Resistance to chemical agents			
	Metal enclosure	✓	✓
	Insulating enclosure	Contact us	
Protection against UV (according to UL 746C or equivalent)		f1	f1
Salt mist resistance			
	Metal enclosure	Contact us	
	Insulating enclosure	> 50 000 h	
Screws and bolts		Stainless steel	
Weight of inlet without accessory (≈)		0.7 kg	1.4 kg
Weight of socket-outlet without accessory (≈)		1.2 kg	2.3 kg
Main options			
Socket-outlet opening up to 180°		Included	Included
Self-returning lid		IP40	IP40
Inlet cap		IP66/IP67	IP66/IP67
Self-returning inlet lid		IP55	
Locking / padlocking		✓	✓
Screw locking			✓
Automatic self-ejection		✓	✓ (k)
Larger release button ("STOP")			
	Metal enclosure	✓	Included
	Insulating enclosure	✓	✓
Finger draw plates		✓	
(l) Electromagnetic compatibility (EMC)		✓	✓
Mounting accessories			
Poly sleeve: angle (°)		30/70	30
Metal sleeve: angle (°)		0/30/70	0/30/70
Poly box: angle (°)		30	
Metal box: angle (°)		20	
Poly box + poly sleeve: angle (°)		70	
Metal box + poly sleeve: angle (°)		30	30
Metal box + metal sleeve: angle (°)		0/30/70	0/30/70
Poly straight handle with built-in cable gland: range take (mm)		13 - 35	
Elastomer straight handle with built-in cable gland: range take (mm)			18 - 49
Threaded poly straight handle		M32 - M50	M50 - M63
Threaded metal straight handle		M25 - M50	M32 - M63
Poly straight handle + separated poly cable gland: range take (mm)		14 - 38	14 - 48
Metal straight handle + separated metal cable gland: range take (mm)		8 - 44	15 - 48
Spare parts			
Inlet or socket-outlet interior moulding		✓	✓
Inlet or socket-outlet contacts		✓	✓
Inlet or socket-outlet colored gasket		✓	✓
Inlet or socket-outlet casing		✓	✓
Socket-outlet casing gasket		✓	✓
Catalog: Web link		Click !	Click !



Dimensions

	DS6		DS9	
mm	GRP	Metal	GRP	Metal
A	25	25	27	27
B	207	241	313	299
C1	98	98	126	140
C2			322	322
E	66	66	81	81





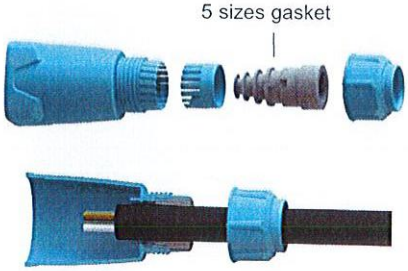
Finger draw plate





Locking pin for 2 padlocks

Poly straight handle with built-in cable gland



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(a) European Regulation REACH: registration, evaluation, authorisation and restriction of chemicals
IEC/EN 60309-1 : "Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements"
IEC/EN 60309-4 : "Plugs, socket-outlets and couplers for industrial purposes – Part 4: Switched socket-outlets and connectors with or without interlock"
IEC/EN 60947-3 : "Low-voltage switchgear and controlgear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units"
IEC/EN 61984 : "Connectors – Safety requirements and tests"
UL 1682 : "Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type"
UL 2682 : "Outline of Investigation for Switch-Rated Plugs and Receptacles"
CSA C22,2 No 182,1-07 : "Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type"
GB/T 11918.1 : "Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements"

(b) In : Rated current as defined by the manufacturer
(c) Other frequency: contact us
(d) Contacts with silver-nickel tips (Ag/Ni 85/15)
(e) Number of voltage / frequency / grid, keying positions
(f) Auxiliaries contacts are located on the plug and socket-outlet sides. Pilot contacts are only located on the socket-outlet side.
(g) For direct current applications : contact us
(h) IP : Degrees of protection provided by enclosures (IEC/EN 60529)
(i) IK : Degrees of protection provided by enclosures against mechanical impacts (IEC/EN 62262)
(j) GRP : Glass-reinforced technical plastic
(k) Option available for metal version only
(l) Suitable for EMC environments: use of metallic housings and accessories, and cable gland with shielding recovery.

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TECHNICAL DATASHEET
DS DECONTACTOR™

Date: 2021-08-31
Revision: 02

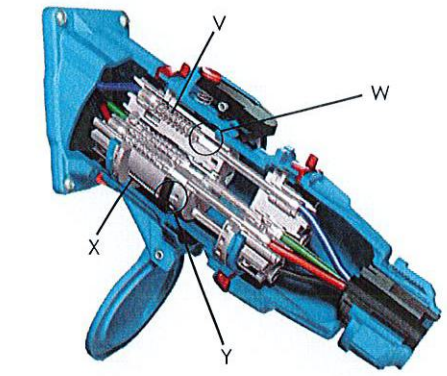
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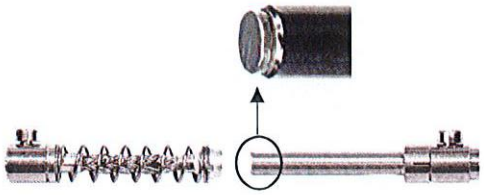
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- electrical installation:
  * to national regulations relating to the improvement of the safety and health of workers at work in France, Italy, Spain, Belgium,
  * to installation standards : IEC 60364 (international), HD 60364 (European), NFPA 70 (USA) and NF C 15-100 (French) or other national transposition of IEC/HD 60364.

General information		DS1	DS3
(b)	I_n	30 A	50 A
	U_{max} (V AC/V DC)	690/1 000	1 000/1 500
(c)	Frequency (Hz)	≤ 500	≤ 500
(d)	Number of contacts	4P+E	4P+E
(e)	Number of keying positions	24	24
	Connection (min - max): mm²		
	Flexible conductors (Cu): main contacts	2.5 - 6	6 - 16
	Rigid/stranded conductors (Cu): main contacts	2.5 - 10	10 - 25
	Tightening torque - main contacts	1.5 Nm	1.8 Nm
	Wiring lugs	Option	Option
	Icc: conditional short circuit current (kA)		
	with gG fuse	10 kA	10 kA
	with RK1 NTD fuse	100 kA	100 kA
Auxiliaries / pilots contacts			
	I_n	30 A	16 A
	U_{max} (V AC/V DC)	500 V	400 V
(f)	Number of auxiliaries / pilots contacts	2 aux	4 aux
	Connection (min - max): mm²		
	Flexible wiring	2.5 - 6	1 - 2.5
	Stranded wiring	2.5 - 10	1.5 - 4
	Tightening torque	1.5 Nm	0.8 Nm
Used as connector according to IEC/EN 61984: In		30 A	50 A
	U_{max}	690 V AC	1000 V AC
		1000 V DC	1500 V DC
Breaking as plug and socket-outlet according to IEC/EN 60309-1			
(g)	In (A) / Umax (V AC)	30 - 690	50 - 690
Breaking as switch according to IEC/EN 60947-3			
(g)	Category AC-22A: In (A) - Umax (V AC)	32 - 690	40 - 690
(g)	Category AC-23A: In (A) - Umax (V AC)	32 - 480	50 - 400
Breaking as plug and socket-outlet according to UL 2682			
	Power: HP	15	25
Increase of DC load-breaking capacity (contacts in series)		Option	Option
Number of operations			
	According to IEC/EN 60309-1 : Cos(Φ) 0,6	2 000	2 000
	According to UL 2682 : Cos(Φ) 0,75	6 000	6 000
Isolating distance		8 mm	13 mm
Thermal features			
	Temperature of use mini/maxi (°C)	-40/+60 °C	-40/+60 °C
	Storage temperature mini/max: (°C)	-40/+80 °C	-40/+80 °C
	Maximal temperature rise (Kmax):	38 K	30 K
	Time constant (to reach 63 % of Kmax)	21mn	23 mn



V : Contact spring
W : Arc chamber
X : Ejection spring
Y : Ejection ring



Contacts with silver nickel alloy tips (Ag/Ni : 85/15)



Spring assisted terminal:
Stainless steel ring



Contacts in series

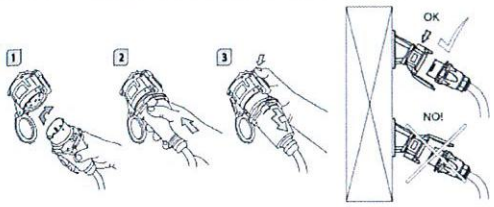
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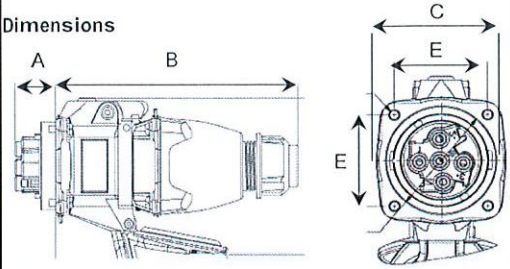
TECHNICAL DATASHEET
DS DECONTACTOR™

Date: 2021-08-31
Revision: 02

	DS1	DS3
Mechanical features		
(h) IP: connected device	IP54	IP54
IP: lid/cap closed	IP55	IP55
IP: socket-outlet with lid/cap opened	IP4X - Safety shutter	
(i) IK	IK09	IK09
Retaining/releasing device	Red release button	
(j) Casing	GRP (poly)	
Standard color	MARECHAL® Blue	
Other colors	On request	
Vibrations resistance	✓	✓
Resistance to chemical agents	Contact us	
Protection against UV (according to UL 746C or equivalent)	f1	f1
Salt mist resistance	> 50 000 h	
Screws and bolts	Stainless steel	
Weight of inlet without accessory (≈)	0.15 kg	0.20 kg
Weight of socket-outlet without accessory (≈)	0.26 kg	0.35 kg
Main options		
Socket-outlet opening up to 180°	Included	Included
Self-returning lid	IP55	IP55
Inlet cap	IP66/IP67	IP66/IP67
Self-returning inlet lid	IP55	IP55
Locking / padlocking	✓	✓
Automatic self-ejection	✓	✓
Larger release button ("STOP")	✓	✓
Finger draw plates	✓	✓
Industrial-domestic adapter	✓	
Mounting accessories		
Poly sleeve: angle (°)	30/70	30/70
Metal sleeve: angle (°)	0/30	0/30/70
Poly box: angle (°)	30	30
Metal box: angle (°)	20	20
Poly box + poly sleeve: angle (°)	70	70
Metal box + poly sleeve: angle (°)	30	30
Metal box + metal sleeve: angle (°)	0/30	0/30/70
Poly straight handle with built-in cable gland: range take (mm)	5 - 21	10 - 30
Threaded poly straight handle	M20 - M40	M20 - M40
Threaded metal straight handle	M20 - M32	M20 - M40
Poly straight handle + separated poly cable gland: range take (mm)	5 - 32	9 - 32
Metal straight handle + separated metal cable gland: range take (m	7 - 23	7 - 32
Spare parts		
Inlet or socket-outlet interior moulding	✓	✓
Inlet or socket-outlet contacts	✓	✓
Inlet or socket-outlet colored gasket	✓	✓
Inlet or socket-outlet casing	✓	✓
Socket-outlet casing gasket	✓	✓
Catalog: Web link	Click !	Click !



Dimensions



mm	DS1	DS3
A	15	17
B	166	179
C	69	80
E	48	55

Finger draw plates

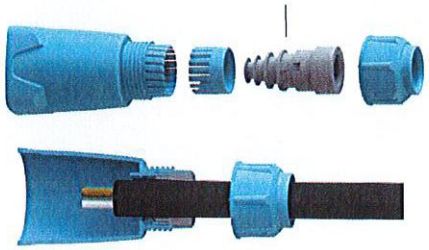




Locking pin for 2 padlocks

Poly straight handle with built-in cable gland

5 sizes gasket



(a) European Regulation REACH: registration, evaluation, authorisation and restriction of chemicals
IEC/EN 60309-1 : "Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements"
IEC/EN 60309-4 : "Plugs, socket-outlets and couplers for industrial purposes – Part 4: Switched socket-outlets and connectors with or without interlock"
IEC/EN 60947-3 : "Low-voltage switchgear and controlgear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units"
IEC/EN 61984 : "Connectors – Safety requirements and tests"
UL 1682 : "Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type"
UL 2682 : "Outline of Investigation for Switch-Rated Plugs and Receptacles"
CSA C22,2 No 182,1-07 : "Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type"
GB/T 11918.1 : "Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements"

(b) In : Rated current as defined by the manufacturer
(c) Other frequency: contact us
(d) Contacts with silver-nickel tips (Ag/Ni 85/15)
(e) Number of voltage / frequency / grid, keying positions
(f) Auxiliaries contacts are located on the plug and socket-outlet sides. Pilot contacts are only located on the socket-outlet side.
(g) For direct current applications : contact us
(h) IP : Degrees of protection provided by enclosures (IEC/EN 60529)
(i) IK : Degrees of protection provided by enclosures against mechanical impacts (IEC/EN 62262)
(j) GRP : Glass-reinforced technical plastic

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Sub-section 1.5

INSTALLATION, OPERATING AND MAINTENANCE MANUAL

1724001481-EL-MAN-00009

Base Load Power Hub (BLPH)

JB, SOCKET

INSTALLATION, OPERATING, AND MAINTENANCE MANUAL

Document Number: 1724001481-EL-MAN-00009

Document Class: 3

ROSETTI MARINO

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
	28/11/2024

Rev.	Date	Description	Prepared	Reviewed	Approved
03	28/11/2024	Issue for Information (IFI)	A. Sortino	M. Berzoini	M. Berzoini
02	18/11/2024	Issue for Information (IFI)	A. Sortino	M. Berzoini	M. Berzoini
01	12/09/2024	Issue for Information (IFI)	A. Sortino	M. Berzoini	M. Berzoini
00	02/08/2024	Issue for Information (IFI)	A. Sortino	M. Berzoini	M. Berzoini

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

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Table of Contents

SH.	DESCRIPTION	REVISIONS							
		00	01	02	03				
1	Cover	X	X	X	X				
2	Table of Contents	X	X	X	X				
3	Revision / Change Log / Hold List	X	X	X	X				
4	INSTALLATION, OPERATING, AND MAINTENANCE MANUAL	X	X	X	X				

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Revision / Change Log

Rev.	Description
00	Issue for Information (IFI)
01	Issue for Information (IFI)
02	Issue for Information (IFI)
03	Issue for Information (IFI)

HOLDS LIST

No.	Description
1.	
2.	
3.	
4.	

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JUNCTION BOXES

SB-769520
AQ-252612P
SB-385720
AQ-414012P

PLUGS/SOCKETS

DSN-1
DS-9



AQ/AR/SB/ST/EF.. SERIES

Ex e enclosures

USE & MAINTENANCE INSTRUCTIONS

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

Listed Documents	Any changes should be authorized by ExCB
EU Type Examination Certificate	**FIDI 21 ATEX 0090X /01**
IECEx Certificate	**IECEx FIDI 21.0015 X /01**
Ex Technical Report	**HR/FIDI/ExTR 21.0016/01** **FIDI 23 CR 019**

INSTRUCTION NOTE: N° TN2111 Annex A				
2	Added note for holes (internal modification)	AIOLFI	ALG	22/11/2023
0	Emission	FUMAGALLI	RONCORONI	08/11/2021
REV.	DESCRIPTION	ISSUED	APPR.	DATE

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INCREASED SAFETY ENCLOSURES

AQ../AR../SB../ST../EF.. SERIES

Suitable for installation in Zone: 1, 2, 21, 22



AQ../AR.. SERIES
In GRP and
copper-free aluminium



SB../ST.. SERIES
In AISI316L



EFE/EFXE Series
In AISI316L, copper-
free aluminium and
GRP

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

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1.2 About these Instructions

1.3 Conformity with Standards and Regulations

2. Explanations of Symbols on the device

3. Safety

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5.7 Cable Entries and accessories installation

5.8 Terminals and others components

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8. Repairing

9. Disposal

10. Special Condition of Use

11. Warranties

12. Management of non-conformities

13. Marking

14. Annex A – Technical Data

15. Annex B – Design and models

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1. General Information

1.1 Manufacturer

TECHNOR ITALSMEA S.p.A.
Via Italia 33, 20060
Gessate, Milan, Italy
Phone: +39 02 95 00 151
Fax: +39 02 95 00 15 27

1.2 About these Instructions

- **INSTRUCTION NOTE: N° TN2111 Annex A, issued on January 21st, 2023**
- Read carefully these Instructions before using the device
- Keep these Instructions throughout the entire service life of the enclosure
- Make these Instructions available to operating and maintenance personnel
- Update these Instructions every time an amendment is delivered from TECHNOR ITALSMEA
- In case of sale of the apparatus, pass these Instructions to subsequent owners

1.3 Conformity with Standards and Regulations

- AQ../AR../SB../ST../EF.. Series are manufactured in accordance with ATEX and IECEx standards

2. Explanation of symbols on the device

Symbol	Meaning
	Product compliant with European Directive 2014/34/EU (ATEX) for installation in hazardous areas
	Product compliant with IEC standards for installation in hazardous areas
	Product compliant with applicable European Directives

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3. Safety

3.1 General precautions

- The apparatus must be installed according to **EN/IEC 60079-14** standard (Edit in force) and maintenance operations must be performed according to **EN/IEC 60079-17** standard (Edit in force).
- User must be aware of electric risks, chemical and physical characteristics of gas, vapours, and dusts present in the plant.
- To further guarantee good product quality/safety, the **Quality System of Technor Italsmea is evaluated and approved by a Notified Body**, which carries out Quality System surveillance.
- Technor Italsmea ensures and guarantees correct manufacturing of its products.
- Buyer and/or End User are directly responsible of correct product installation and maintenance, according to local and national laws and product installation specifications.
- Use the apparatus only in accordance with the operating conditions described in these operating Instructions;
- Use the apparatus only for the intended purpose specified in these operating Instructions;
- All modifications and changing are strictly forbidden.

DANGER: EXPLOSION HAZARD DUE TO IMPROPER USE AND/OR ALTERATIONS TO THE APPARATUS CAN CAUSE SEVERE OR FATAL INJURIES

WARNING: ALL MODIFICATIONS / CHANGING, MADE BY BUYER / END USER, WITHOUT TECHNOR ITALSMEA WRITTEN ACCEPTANCE WILL INVALIDATE CERTIFICATIONS, WARRANTIES AND ANY OTHER CONTRACTUAL AGREEMENT

RESIDUAL RISK: ALTOUGH USED PROPERLY, THE APPARATUS CAN PRESENT RESIDUAL RISKS, WHICH ARE TYPICAL OF ANY APPARATUS CONNECTED TO POWER SUPPLY.

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3.2 Type of protection

AQ../AR../SB../ST../EF.. Series – Protection: Ex eb tb for enclosures; Ex eb tb ia ib db mb for components

Compliant with:

- *IEC 60079-0* & *EN IEC 60079-0*
  Equipment - General requirement
- *IEC 60079-1* & *EN IEC 60079-1*
  Equipment protection by flameproof enclosures 'd‘
- *IEC 60079-7* & *EN IEC 60079-7*
  Equipment protection by increased safety "e"
- *IEC 60079-11* & *EN IEC 60079-11*
  Equipment protection by intrinsic safety 'i‘
- *IEC 60079-18* & *EN 60079-18*
  Equipment protection by encapsulation “m”
- *IEC 60079-31* & *EN 60079-31*
  Equipment dust ignition protection by enclosure “t”

Enclosure & components:

Type of protection Ex eb:

It provides an impact resistant enclosure for electrical equipment and ensures that the contents will not produce a spark, temperature or current creepage that could ignite the external flammable atmosphere in a hazardous area zone, location or workspace.

Type of protection Ex tb:

It avoids combustible dust (IIIC) penetration into the enclosure and ensures surface temperature limitation for use in explosive dust atmospheres.

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Components:

Type of protection Ex db:

Electric equipment is installed in enclosure suitable to withstand the pressure raised during the internal explosion and avoids flame transmission to the external potentially explosive atmosphere.

Type of protection Ex ia / ib:

The energy of the circuit which could be capable of igniting a potentially explosive atmosphere is limited so that neither sparking nor heating of the electrical components can ignite the surrounding potentially explosive atmosphere.

Type of protection Ex mb:

Encapsulation allows the separation of the alive parts from the explosive atmosphere.

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3.3 Intended Use

AQ../AR../SB../ST../EF.. Series are suitable for:

- Equipment for explosive GAS and DUST atmospheres, having a "high" Level of Protection, which is not a source of ignition in normal operation or during expected malfunctions.
- Applications such as: Junction Boxes, Local Control Stations and Local Control Panels.
- All terminals, components and equipment installed on the Ex eb/Ex tb enclosure are covered by their own Ex components certificates. The terminals, components and equipment must be used according to data available in related certificates: **temperature range, voltage and current limitations must be respected.** They must be fitted in accordance with **IEC 60079-0** and **IEC 60079-7** with regard to creepage and clearance distances, and according to related safety instructions.
- Indoor / Outdoor application;
- Hazardous areas: Zone 1, 2, 21, 22.
- Safe areas.

WARNING: USE THE APPARATUS ONLY FOR ITS INTENDED PURPOSE. AN INCORRECT USE MAY AFFECT NEGATIVELY THE EFFICIENCY OF THE APPARATUS

WARNING: USE THE APPARATUS ONLY IN THE HAZARDOUS AREAS STATED IN THESE INSTRUCTIONS.

DANGER: AN IMPROPER USE OF THE APPARATUS MAY LEAD TO SEVER AND/OR FATAL INJURIES

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4. Transport, Storage & Handling

4.1 Transport & Storage

- Transport and store the device only in its original packaging:
  - Paper/carton boxes; or
  - Wood boxes; or
  - Wood cages.
- Store the device in a dry place, protected from sunlight, humidity, rain and vibration-free in the following condition:
  - -20°C … +40°C.

4.2 Handling

For handling, no special measures are required, therefore it is recommended to perform this operation following the common safety standards.

5. Mounting & Installation

5.1 Preparation of the product: unpacking

- Make sure to throw away any packaging component which could result dangerous to people, such as: screws, belts, plastic bags, etc…;
- Make sure that the packaging has not been damanged during transport;
- Put down the right side of the packaging and unpack the apparatus;
- Remove the apparatus from the package in the most appropriate manner according to the weight of the apparatus.

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5.2 Before mounting & installation

Before mounting and installing the device, User must verify that:

- Apparatus is suitable for the hazardous area classification;
- Apparatus Group is suitable for gases, vapours and/or dusts present in the installation site;
- Temperature Class and Surface Temperature of the apparatus is suitable for gases, vapours and/or dusts present in the installation site;
- Apparatus is not damaged.

DANGER: EXPLOSION HAZARD DUE TO INCORRECT MOUNTING OF THE DEVICE CAN CAUSE SEVERE OR FATAL INJURIES

5.3 Before commissioning

Before placing the device into service:

- Check project data and installation;
- Check the electrical ratings (voltages, frequency, mechanical and thermal stress within project data);
- Check the clamping of the electric and mechanical connections;
- Check the integrity and the continuity of earth, protection or equipotential conductors;
- Verify that no modifications have occurred to the electrical and/or mechanical structure and functionality of the apparatus (e.g. the alteration of the enclosure by the installation of further equipment inside the apparatus);
- Verify that any electrical protection was not excluded nor deregulated;
- Verify the correct fastening of the enclosure parts;
- Verify the absence of any cause of stress (e.g. exposure to collision damages, presence of corrosive agents, possibility of internal short circuits with power dissipation superior than the admitted one).

WARNING: ALL MODIFICATIONS / CHANGING, MADE BY BUYER / END USER, WHICH IMPACT ON THE ELECTRICAL AND/OR MECHANICAL STRUCTURE AND FUNCTIONALITY OF THE APPARATUS WILL INVALIDATE CERTIFICATIONS, WARRANTIES AND ANY OTHER CONTRACTUAL AGREEMENT

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Verify **THREADED ENTRIES and CABLE GLANDS:**

- Threaded entries must be equipped with suitable cable glands, accessories and blanking elements certified according to type of protection Ex eb IIC and / or Ex tb IIIC, suitable to maintain the enclosure protection degree and suitable for ambient temperature stated on the “marking” label;
- Use certified stopping plugs to close unused entries.

Verify the **COVER:**

- Cover must be properly closed. Refer to paragraph 5.5 – Installation.

WARNING: IN CASE UNUSED CABLE ENTRIES AND/OR THE COVER ARE NOT PROPERLY CLOSED, EXPLOSION PROTECTION CAN NO LONGER BE GUARANTEED.

WARNING: IN CASE UNPROPER CABLE GLANDS, ACCESSORIES AND/OR BLANKING ELEMENTS ARE USED, EXPLOSION PROTECTION CAN NO LONGER BE GUARANTEED.

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5.4 Apparatus composition

The AQ../AR../SB../ST../EF.. Series are made of Ex eb and Ex tb enclosures in stainless steel, aluminium alloy or glass fiber reinforced polyester resin, of various dimensions.
The cover of AQ.../AR.../SB... is fixed to the body with screw, between body and cover a gasket guarantee the protection degree IP66 (IP66/67 depending on models).
For SB… it is also possible to add locking device and/or swing handle (IP66) in addition to screws.
The cover of ST... is fixed to the body with locking device and/or swing handle (IP66), between body and cover a gasket guarantee the protection degree.

NOTE: THE IP DEGREE OF JUNCTION BOXES, LOCAL CONTROL STATIONS AND LOCAL CONTROL PANELS DEPENDS ON THE COMPONENTS ACTUALLY MOUNTED.
The walls of the boxes can be drilled with maximum size and maximum number of holes as specified in the manufacturer documents. The enclosure can be provided with hinges and/or transparent window, according to manufacturer documents. Removable flange can be installed on SB… and ST… Connection of metallic enclosure in blocks are allowed.
The cable glands or plugs, with separate IECEx certificate, are mounted according to related manufacturer's installation instructions.

Each enclosure can be provided with internal earthing plate or lug, earthing screw or bolt. Metal enclosures are provided by external earthing screw or bolt, stainless steel enclosures are available with or without glands plate, metal and polyester enclosures can be provided by passing through earthing terminals.

All enclosures can be provided by:
- Externally installed accessories;
- Drain breath device type ECR3;
- Internal/external earthing plate.

NOTE: THE ENCLOSURE COMPOSITION DEPENDS TO CUSTOMER'S REQUIREMENT, BUT IN ANY CASE IT IS SUBJECT TO CONFORMITY CERTIFICATION.

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5.5 Installation

ENCLOSURE LIDS AND FLANGES FASTENING:

To ensure the IP protection degree, the lid / flanges screws / nuts must be screwed tight. Suggested tightening torque as per following table:

Polyester enclosures AQ-AR.. Series	Aluminium enclosures AQ-AR.. Series	Stainless steel enclosures SB../ST.. Series
2Nm	2Nm	1.5Nm

Enclosures SB… can be equipped with locking devices and swing handle. Locking devices do not substitute any fastening screws. The degree of protection are guarantee only from the use of the screws.

For SB-101209 and SB-151510 the cover can be closed only with screw.

Enclosures ST… is equipped with locking devices and swing handle. The degree of protection is guarantee from the use of locking devices.

GROUNDING TERMINALS FASTENING:

The screws and/or nuts of the grounding cables terminals must be screwed tight. Suggested tightening torque as per following table:

M5	M6	M8	M10	M12
8.5Nm	9Nm	20Nm	25Nm	35Nm

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The internal grounding terminal, when installed, is positioned on the internal mounting plate or in a threaded hole.

The internal grounding terminal is suitable to clamp at least one cable lug for conductor size:

Phase conductor size Smm^2	Protection conductor size Smm^2
S ≤ 16	S
16 < S ≤ 35	16
S > 35	0,5 S

The external grounding terminal (in metal enclosures only), when installed, is positioned on one of the enclosure walls.
Dimensions suitable to clamp a cable lug for conductior size: at least 4mm^2.

PASSING THROUGH GROUNDING TERMINALS:

The enclosures can be supplied (on each wall) c/w passing through termnals installed by Technor Italsmea.

TRANSPARENT PARTS:

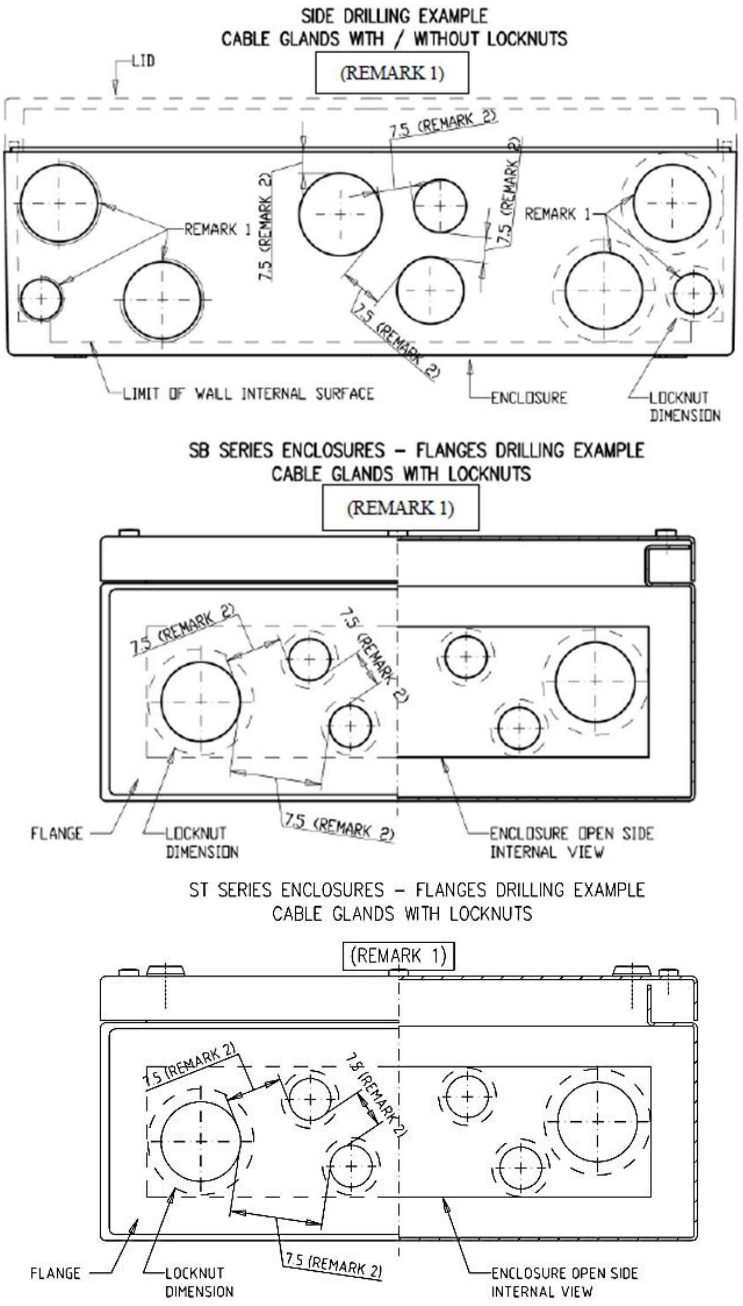
The enclosures can be supplied c/w transparent polycarbonate parts installed by Technor Italsmea.

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5.6 Walls and Lid drillings

According to the allowable area on the walls of the enclosures, the drilling are made on the enclosures walls as per fig. 1 and 2.
The installed cable glands must be certified according to the types of protection Ex eb IIC and/or Ex tb IIIC.

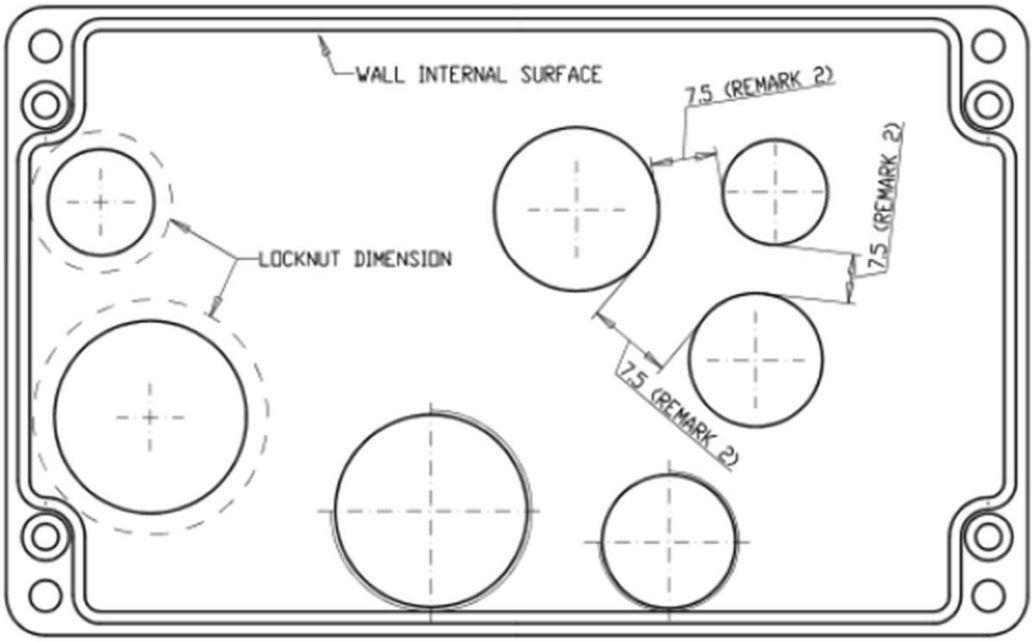
Fig. 1



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Fig. 2

BOTTOM DRILLING EXAMPLE
CABLE GLANDS WITH / WITHOUT LOCKNUTS (REMARK 1)



Remark 1

- Drilling examples suitable for the whole range of enclosures.
- Threaded or unthreaded holes. Max. holes dimensions 91mm.
- Parallel or taper threadings are admitted according to the threading of the cable glands to be installed.
- When installed on unthreaded holes, the mechanical fastening of the entry device must be by a locknut.
- The locknut must be also installed when required by the installation instructions of the cable glands.
- The diameter of the unthreaded hole must be maximum 1mm larger than the cable gland threading diameter when not otherwise specified by the assembling instructions of the cable glands.
- To ensure the IP degree of the enclosures, cable glands having at least the same IP degree of the enclosures must be installed. The IP protection degree of the coupling cable gland/enclosure is obtained according to the assembling instructions of the cable glands.
- Taper threadings are not admitted in polyester enclosures.

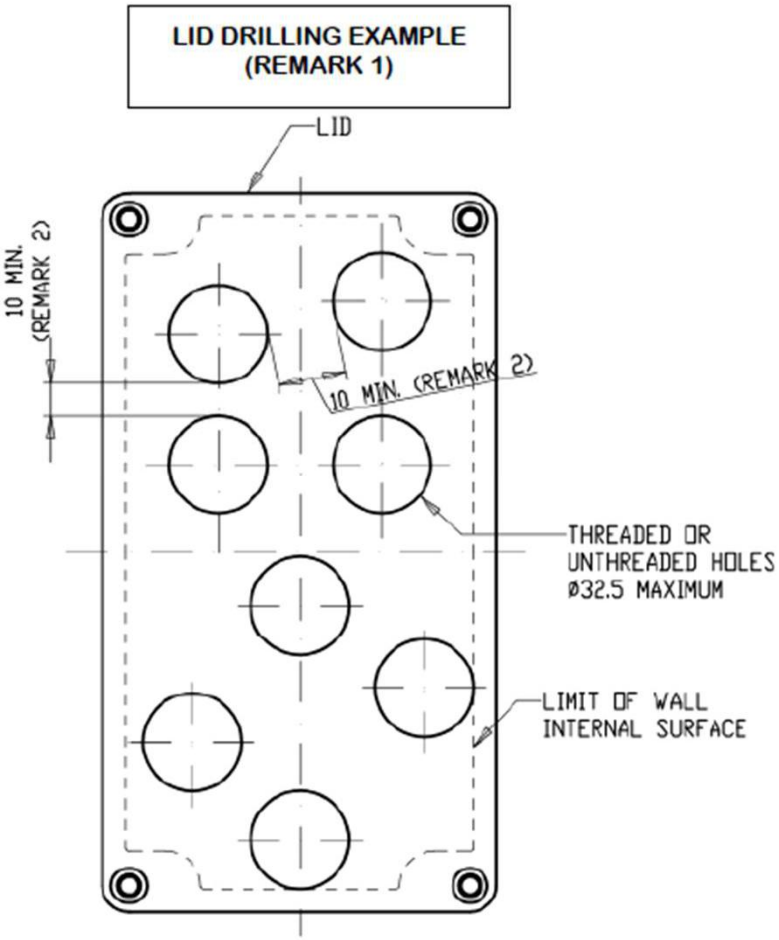
Remark 2

- Minimum distance (mm) between holes.

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When required, drillings for externally operated devices are made on the enclosure lid as per fig. 3

Fig. 3



Remark 1

- Drilling example suitable for the whole range of enclosures.
- Dimension of the threaded or unthread holes must be according to the drilling instructions of the device to be installed.
- The mechanical fastening of the device must be made according its installing instructions.
- To ensure the IP degree of the enclosures, devices having at least the same IP degree of the enclosures must be installed. The IP protection degree of the coupling device/enclosure is obtained according to the assembling instructions of the device.

Remark 2

- Minimum distances (mm) between holes.

In order to maintain the environmental integrity of the enclosure, devices with the same environmental ratings shall be used to close openings in the enclosure.

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5.7 Cable entries and accessories installation

Fig. 4 shows the different cable entries copupled with different accessories.
It is mandatory to perform the maintenance at lleas every 6 months when the accessory is fastened by locknut without star-washer (Fig. 4b).

Fig. 4

Fig. 4a

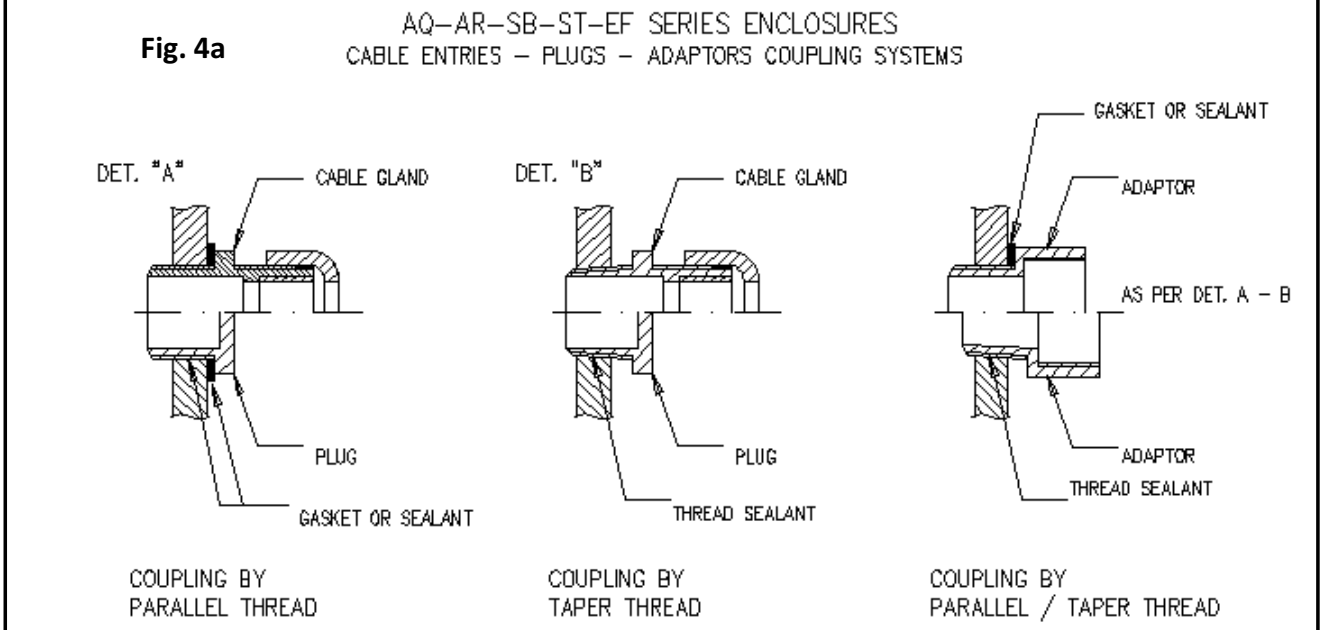
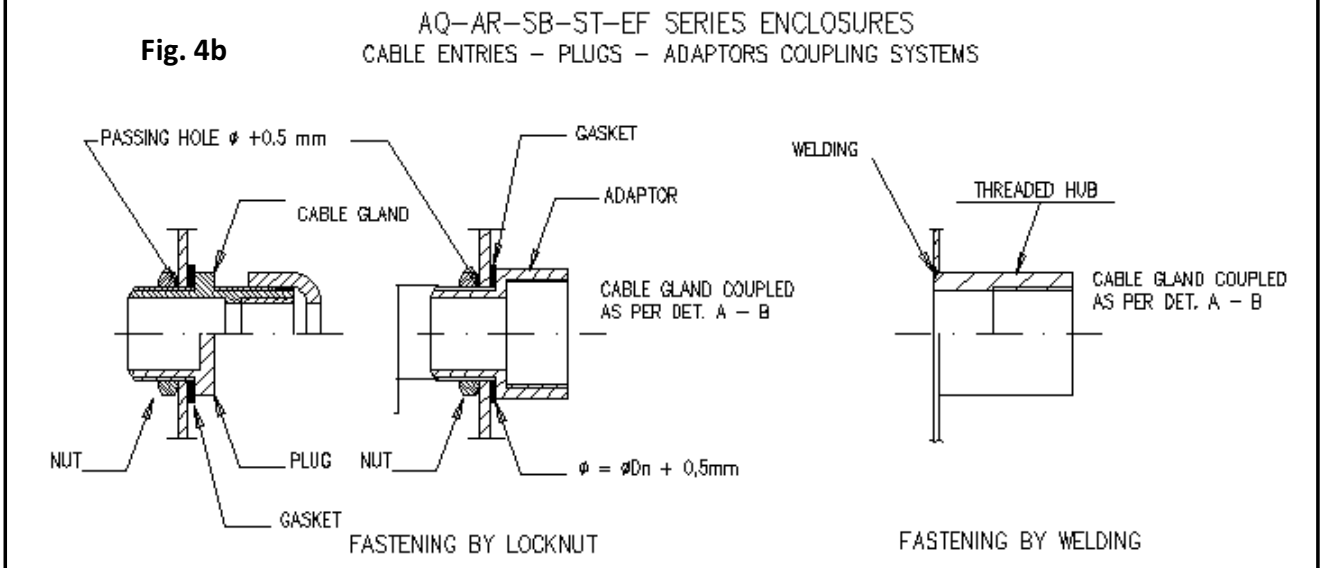


Fig. 4b

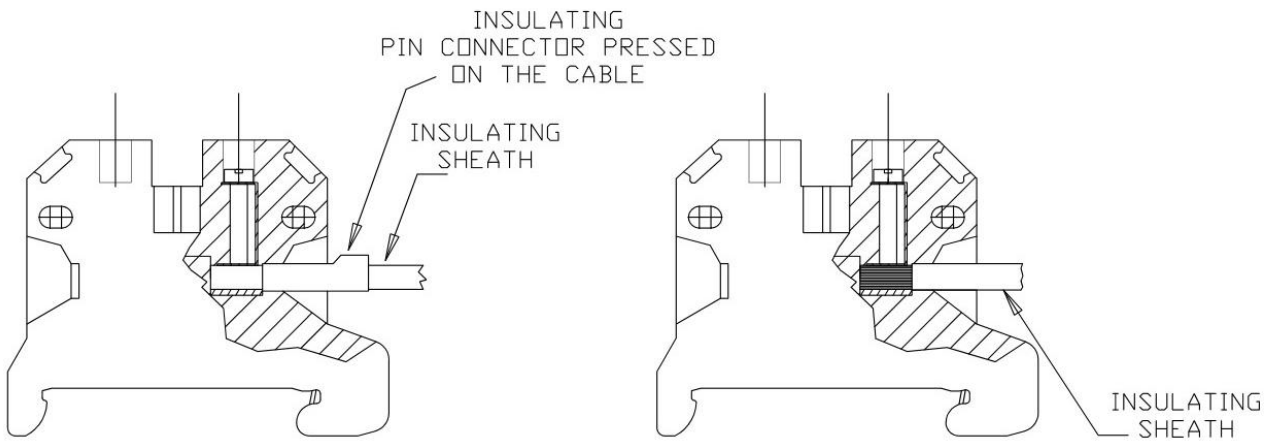


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5.8 Terminals and others components

- The conductor must be inserted into the mouth of the terminal.
- The insulation must touch the outside of the conducting part of the terminal (Fig 5).
- Insert only one conductor per terminal socket. (unless otherwise described on the relevant certificate)
- Terminals that are jumpered with the appropriate accessories must be adjacent to each other and separated from neighbouring terminals by means of terminal plates.

Fig. 5



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6. Maintenance

6.1 General information

- The maintenance is a set of operations performed in order to maintain the safety and functional features of the apparatus during its operating life;
- The maintenance operations must be performed according to **EN/IEC 60079-17** standard (Edit in force);
- The apparatus must be submitted to a detailed maintenance program studied and managed by qualified and authorized technicians and related to the type of apparatus, its operating service and environmental conditions;
- Do not exceed the limit of two years between inspections;
- Check the WARNINGS on the marking tag before opening the enclosure;
- All the maintenance operations must be performed with the electrical apparatus isolated from all energy sources;
- The apparatus must be installed and maintained in order to prevent dangers from casual contacts with under voltage elements and the risks of fire and burst derived from possible abnormal working conditions;
- If the apparatus is subjected to vibrations, verify frequently the fastening of screws, pipe and/or cable entries and each part of the enclosure;
- Replace damaged parts by original Technor Italsmea spare parts only;
- The inspections and maintenance on the apparatus must be carried out only from expert staff, whose training has included all the necessary instructions on the installation modalities, on the laws and standards relevant and on the general principles of the classification of the hazardous areas.

7. Cleaning

- Use only non-metallic brushes and non-corrosive cleaning fluids;
- Before re-assembling the apparatus, verify that flanged, gasket and screws have not been damaged;

When the apparatus is installed in environments with combustible dust:

- Proceed with a regular cleaning of the apparatus to avoid dust accumulation on the surfaces

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When the Warning: "**POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS**" is present on the tag:

- Proceed with a regular cleaning using damp cloth or antistatic products only;
- During cleaning process, touch the apparatus with an insulated object.

DANGER: EXPLOSION HAZARD DUE TO DAMAGED GASKET DURING CLEANING TREATMENTS CAN CAUSE SEVERE OR FATAL INJURIES

8. Repairing

Repair of the re-certified equipment must be performed according to the standard EN/IEC 60079-19 by trained personnel.

Fastening screws of cover must be replaced by Technor Italsmea spare parts only.

All repairing impacting the type of protection (except for replacement with original Technor Italsmea spare parts) **are admitted only under written authorization of Technor Italsmea**.

Written agreements with Technor Italsmea must be taken concerning procedures for mandatory verifications and tests to be performed after repairing.

9. Disposal



The symbol, applied to the product or to the package, indicates that **the product should not be considered normal domestic waste, but must be taken to the appropriate collection print for the recycling of electric and electronic devices.**

Ensuring that you dispose of the product in the appropriate way contributes to avoiding potential negative consequences that might arise from unsuitable disposal of the product. For further information about recycling of this product, contact your local municipal offices, the local municipal waste disposal service or the point-of-sale where you purchased this product.

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10. Special Condition of Use

- AQ.../AR…/SB.../ST…/EF… Series enclosures are suitable for service temperature: from -50°C to 105°C;
- Installation of cable entries or plugs and drillings in walls/lid shall be in accordance with Manufacturer's instructions. The suitability of all entries should be considered in the end use application;
- Enclosures equipped with polycarbonate transparent parts, painted enclosures having paint layer thickness more than 0,2 mm and not antistatic polyester enclosures (other than the black colored ones: clean only by damp cloth or antistatic products);
- For the use of the enclosures in environments with explosive atmosphere for the combustible dust presence, the following precautions must be taken: to avoid the accumulation of dust on the surfaces, the user must proceed with a regular cleaning of the enclosures;
- The accessories used for cable entries shall be certified according to EN/IEC 60079-0(*), EN/IEC 60079-7(*), EN/IEC 60079-31(*) standards, with Gb and Db minimum EPLs, and installed according EN/IEC 60079-14(*). They shall guarantee the protection degree on enclosure. If cylindrical threads are used, the coupling between the cable gland and the terminal box shall be provided with block to prevent loosening.

(*): According to EN Standards for the component certified according to 2014/34 Directive. According to IEC Standards for the component certified according to IECEx Scheme.

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11. Warranties

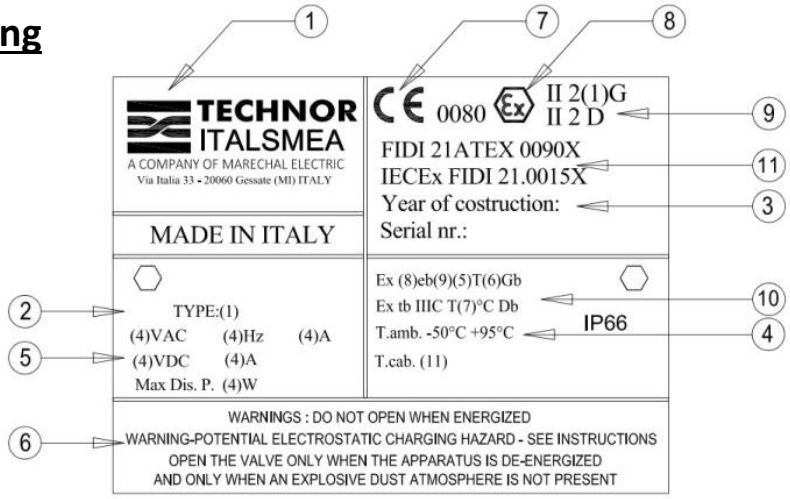
For Warranty Terms & Conditions, please refer to our General Terms & Conditions available at https://marechal.com/technor/en/p-general-terms-and-conditions-of-sales-technor.html

12. Management of non-conformities

In case of receiving a Product considered as non-compliant, please contact aftersaleservice@italsmea.com and communicate the following information: Company name, PO number, delivery date, non-compliant Product and the reason(s) why the Product has been considered as non-compliant. TECHNOR ITALSMEA will evaluate the request and the Product will be repaired or replaced, at TECHNOR ITALSMEA sole discretion.

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13. Marking



Legenda:		
(1)	Brand, name and address of the manufacturer	
(2)	Equipment type designation given by manufacturer	
(3)	Year of construction and serial number	
(4)	Ambient temperature range	
(5)	Nominal electrical characteristic	
(6)	Warning used for all types of Enclosure	
(7)	Graphic symbol of conformity CE marking	
(8)	Distinctive community mark specific of explosion protection	
(9)	**ATEX Marking**	
	II:	Group of apparatus - equipment suitable to be installed in surface places
	2G:	Category – equipment suitable to be installed in places in which, during the normal activities, explosive atmosphere caused by gases, vapours, mists (G) are likely to occur (zone 1); suitable to be installed in zone 1 and in zone 2.
	2D:	Category – equipment suitable to be installed in places in which, during the normal activities, explosive atmosphere caused by mixture of air and combustible dust are likely to occur (zone 21); suitable to be installed in zone 21 and in zone 22.
	(1)G	Only with [ia], in case of associated equipment
(10)	**IECEx marking – type of protection**	
	Ex:	Protection against explosion.
	ia	Type of protection “ia” - Intrinsic Safety protection
	eb	Type of protection “eb” – Equipment protection by increased safety (for EPL Gb)
	db	Type of protection “db” – Equipment protection for flameproof of enclosure (for EPL Gb)
	mb	Type of protection “mb” – Equipment protection by encapsulation
	IIC or IIB	Equipment suitable to be installed in surface places for all types of combustible gas
	Gb:	Equipment for explosive gas atmospheres, having a “enhanced” level of protection, which is not source of igniton in normal operation and which may have some additional protection to ensure that it remains inactive as an ignition source in the case of regular expected occurrences.
	tb:	Protection by enclosures, (for EPL Db).
	IIIC	Group III for use in places with an explosive dust atmosphere other than mines susceptible to firedamp; conductive dust
	T135°C Or T85°C	Maximum surface temperature
	Db:	Equipment for explosive dust atmospheres, having an ”high” level of protection, which is not a source of ignition in normal operation or during expected malfunctions
	IP66	Dust-tight (6); protected against powerful water jets (6)
(11)	Identification of Notified Body that have issued the ATEX and IECEx certificate and its relative number (see declaration of conformity)	

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14. Annex A – Technical data

14.1 Explosion protection

Global (IECEx)	**Ex ia IIC/IIB T6/T5/T4 Ga[2] or**
	Ex eb IIC/IIB T6/T5/T4 Gb[1] or
	Ex e IIC/IIB T6/T5/T4 Gb[1] or
	Ex db eb ia/ib mb [[3]] IIC/IIB T6/T5/T4 Gb[1] and/or
	Ex tb IIIC T85°C/T100°C/T135°C Db
Europe (ATEX)	**II 1 G Ex ia IIC/IIB T6/T5/T4 Ga[2] or**
	II 2 G Ex eb IIC/IIB T6/T5/T4 Gb[1] or
	II 2(1) G Ex db eb ia/ib mb [[3]] IIC/IIB T6/T5/T4 Gb[1] or
	II 2G (1D) Ex db e ia/ib mb [Ex iaD] IIC/IIB T6/T5/T4 Gb[1] and/or
	II 2 D Ex tb IIIC T85°C/T100°C/T135°C Db

NOTES:
1) Others type of protection additional to Ex e/eb depending to the components actually mounted.
2) In case of enclosures containing Ex e/Ex eb terminals and/or Ex ia Ga already certified components (with compatible marking) only.
3) Associated equipment protection depending on the components actually mounted (see lists): e.g. [ia/ib Ga/ia IIIC Da] and/or [ia IIIC Da] or [ia/ib/ia Ga/ia IIIC Da] and/or [ia/ib/ia Ga] [ia IIIC Da]

14.2 Mechanical data

Degree of protection:	**IP66 / IP67**
Ambient temp. range	**-50°C to 95°C**
	Other possible ranges are with:
	- min temperature: -50°C to -20 °C
	- max temperature of: 40 °C to 95 °C
Body	**AQ…/AR... Copper-free aluminium / GRP**
	SB…/ST… AISI316L stainless steel
	EF… AISI316L stainless steel / Copper-free aluminium / GRP
Hardware, screws and locking devices	**AISI316L stainless steel**

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15. Annex B – Design and models

Material & type	Juncion boxes	AQ…/AR… Series	GRP Copper-free aluminium
		SB…/ST… Series	AISI316L stainless steel
	Panel board	EFE-… Series	GRP
		EFXE… Series	AISI316L stainless steel Copper-free aluminium
Electrical data	Depending on mounted components		
Ambient temperature	-50°C to +95°C **Other possible ranges are with:** • **min temperature: -50°C to -20 °C** • **max temperature of: 40 °C to 95 °C**		
Temperature Class	**T6 (T85°C), T5 (T100°C), T4 (135°C)**		

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KEY CODE: JUNCTION BOXES			
A (1) – (2) (3) (4) (5) – (6)	(1)	Q: R:	Square size Rectangular size
	(2)(3)(4)	Dimensions, in cm	
	(5)	P: AL:	GRP Copper-free aluminium
	(6)	None: HT:	Up to internal temp. of 105°C Up to internal temp. of 130°C
SB – (2) (3) (4)	(2)(3)(4)	Dimensions, in cm	
ST – (2) (3) (4)	(2)(3)(4)	Dimensions, in cm	

KEY CODE: PANEL BOARD			
EFE – (2) (3) (4) – (6)	(2)(3)(4)	Dimensions, in cm	
	(6)	None: HT:	Up to internal temp. of 105°C Up to internal temp. of 130°C
EFXE – (2) (3) (4) (5) – (6)	(2)(3)(4)	Dimensions, in cm	
	(5)	None: AL	AISI316L Stainless steel Copper-free aluminium
	(6)	None: HT:	Up to internal temp. of 105°C Up to internal temp. of 130°C

NOTE 1: For commercial reasons, model name listed in the above table can be modified as follows: first (2) and second (3) digits can be reversed.
NOTE 2: For stainless steel enclosures (except types SB-101209 and SB-151510) the dimensions (2) and (3) can be decreased or increased up to 20%, the dimensions (3) can be increased up to 800 mm. Model name changes consequently.

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MODELS – HIGH TEMPERATURE			
Polyester		Aluminium	
AQ-080806P-HT	EFE-080806-HT	AQ-080806AL-HT	EFXE-080806AL-HT
AQ-080808P-HT	EFE-080808-HT	AR-081306AL-HT	EFXE-081306AL-HT
AR-081106P-HT	EFE-081106-HT	AR-081806AL-HT	EFXE-081806AL-HT
AR-081108P-HT	EFE-081108-HT	AR-082505AL-HT	EFXE-082505AL-HT
AR-081606P-HT	EFE-081606-HT	AQ-101008AL-HT	EFXE-101008AL-HT
AR-081608P-HT	EFE-081608-HT	AR-101608AL-HT	EFXE-101608AL-HT
AR-081906P-HT	EFE-081906-HT	AR-102008AL-HT	EFXE-102008AL-HT
AR-081908P-HT	EFE-081908-HT	AQ-121208AL-HT	EFXE-121208AL-HT
AR-082306P-HT	EFE-082306-HT	AQ-121209AL-HT	EFXE-121209AL-HT
AR-082308P-HT	EFE-082308-HT	AR-122208AL-HT	EFXE-122208AL-HT
AQ-121209P-HT	EFE-121209-HT	AR-122209AL-HT	EFXE-122209AL-HT
AR-122209P-HT	EFE-122209-HT	AR-123608AL-HT	EFXE-123608AL-HT
AQ-161609P-HT	EFE-161609-HT	AQ-141409AL-HT	EFXE-141409AL-HT
AR-162609P-HT	EFE-162609-HT	AR-142009AL-HT	EFXE-142009AL-HT
AR-163609P-HT	EFE-163609-HT	AQ-161609AL-HT	EFXE-161609AL-HT
AR-165609P-HT	EFE-165609-HT	AR-162609AL-HT	EFXE-162609AL-HT
AQ-202017P-HT	EFE-202017-HT	AR-163609AL-HT	EFXE-163609AL-HT
AR-203017P-HT	EFE-203017-HT	AR-165609AL-HT	EFXE-165609AL-HT
AQ-252612P-HT	EFE-252612-HT	AQ-181810AL-HT	EFXE-181810AL-HT
AQ-252616P-HT	EFE-252616-HT	AR-182810AL-HT	EFXE-182810AL-HT
AR-254012P-HT	EFE-254012-HT	AR-102311AL-HT	EFXE-102311AL-HT
AR-254016P-HT	EFE-254016-HT	AR-202311AL-HT	EFXE-202311AL-HT
AR-256012P-HT	EFE-256012-HT	AR-202318AL-HT	EFXE-202318AL-HT
AR-304020P-HT	EFE-304020-HT	AR-232811AL-HT	EFXE-232811AL-HT

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MODELS – HIGH TEMPERATURE			
Polyester		Aluminium	
AQ-363609P-HT	EFE-363609-HT	AR-233311AL-HT	EFXE-233311AL-HT
AR-406025P-HT	EFE-406025-HT	AR-233318AL-HT	EFXE-233318AL-HT
AQ-414012P-HT	EFE-414012-HT	AR-234011AL-HT	EFXE-234011AL-HT
AQ-414020P-HT	EFE-414020-HT	AR-234023AL-HT	EFXE-234023AL-HT
-	-	AR-236011AL-HT	EFXE-236011AL-HT
-	-	AR-314011AL-HT	EFXE-314011AL-HT
-	-	AR-314014AL-HT	EFXE-314014AL-HT
-	-	AR-314018AL-HT	EFXE-314018AL-HT
-	-	AR-314023AL-HT	EFXE-314023AL-HT
-	-	AR-316011AL-HT	EFXE-316011AL-HT
-	-	AR-316018AL-HT	EFXE-316018AL-HT
-	-	AQ-606020AL-HT	EFXE-606020AL-HT

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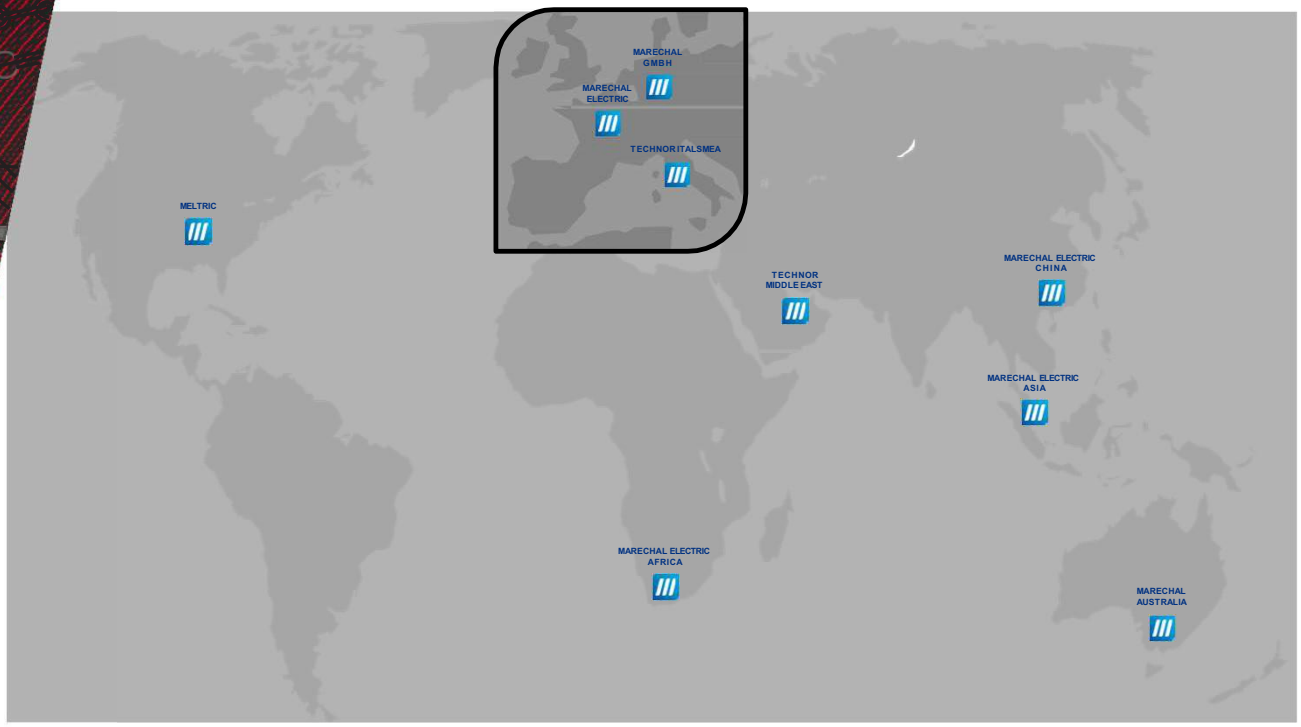
MODELS – STANDARD TEMPERATURE			
Polyester		Aluminium	
AQ-080806P	EFE-080806	AQ-080806AL	EFXE-080806AL
AQ-080808P	EFE-080808	AR-081306AL	EFXE-081306AL
AR-081106P	EFE-081106	AR-081806AL	EFXE-081806AL
AR-081606P	EFE-081606	AR-081808AL	EFXE-081808AL
AR-081906P	EFE-081906	AR-082505AL	EFXE-082505AL
AQ-121209P	EFE-121209	AR-082508AL	EFXE-082508AL
AR-122209P	EFE-122209	AQ-101008AL	EFXE-101008AL
AQ-161609P	EFE-161609	AR-101508AL	EFXE-101508AL
AR-162609P	EFE-162609	AR-101608AL	EFXE-101608AL
AR-163609P	EFE-163609	AR-102008AL	EFXE-102008AL
AQ-252612P	EFE-252612	AQ-121208AL	EFXE-121208AL
AQ-252616P	EFE-252616	AR-122209AL	EFXE-122209AL
AR-254012P	EFE-254012	AQ-141409AL	EFXE-141409AL
AR-254016P	EFE-254016	AR-142009AL	EFXE-142009AL
AR-256012P	EFE-256012	AQ-161609AL	EFXE-161609AL
AQ-414012P	EFE-414012	AR-162410AL	EFXE-162410AL
AQ-414020P	EFE-414020	AR-162609AL	EFXE-162609AL
-	-	AQ-181810AL	EFXE-181810AL
-	-	AR-182810AL	EFXE-182810AL
-	-	AR-202311AL	EFXE-202311AL
-	-	AR-202318AL	EFXE-202318AL
-	-	AR-232811AL	EFXE-232811AL
-	-	AR-233312AL	EFXE-233312AL
-	-	AR-233318AL	EFXE-233318AL

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MODELS – STANDARD TEMPERATURE			
Stainless steel			
SB-101210	EFXE-101210SB	ST-142013	EFXE-142013ST
SB-151510	EFXE-151510SB	ST-202010	EFXE-202010ST
SB-142013	EFXE-142013SB	ST-202016	EFXE-202016ST
SB-202010	EFXE-202010SB	ST-202713	EFXE-202713ST
SB-202016	EFXE-202016SB	ST-272713	EFXE-272713ST
SB-202713	EFXE-202713SB	ST-203016	EFXE-203016ST
SB-272713	EFXE-272713SB	ST-273513	EFXE-273513ST
SB-203016	EFXE-203016SB	ST-282816	EFXE-282816ST
SB-273513	EFXE-273513SB	ST-204016	EFXE-204016ST
SB-282816	EFXE-282816SB	ST-353516	EFXE-353516ST
SB-204016	EFXE-204016SB	ST-282827	EFXE-282827ST
SB-353516	EFXE-353516SB	ST-355016	EFXE-355016ST
SB-282827	EFXE-282827SB	ST-383816	EFXE-383816ST
SB-355016	EFXE-355016SB	ST-384516	EFXE-384516ST
SB-383816	EFXE-383816SB	ST-385716	EFXE-385716ST
SB-384516	EFXE-384516SB	ST-505016	EFXE-505016ST
SB-385716	EFXE-385716SB	ST-383827	EFXE-383827ST
SB-505016	EFXE-505016SB	ST-575716	EFXE-575716ST
SB-383827	EFXE-383827SB	ST-577620	EFXE-577620ST
SB-575716	EFXE--575716SB	ST-575730	EFXE-575730ST
SB-577620	EFXE-577620SB	ST-769520	EFXE-769520ST
SB-575730	EFXE--575730SB	ST-1258040	EFXE-1258040ST
SB-769520	EFXE-769520SB	-	-
SB-1258040	EFXE-1258040SB	-	-

WORLD PRESENCE



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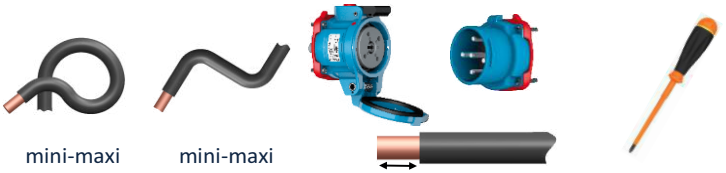
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MARECHAL® MELTRIC® RETTBOX® TECHNOR®

Use & Maintenance Instructions_AQ../AR../SB../ST../EF.. TECHNOR – All rights reserved

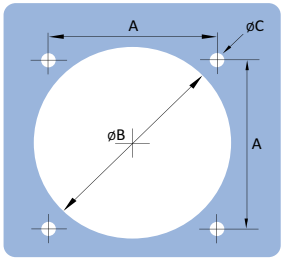
MARECHAL® MELTRIC®

DS1/DS3/DS6/DS9 QUICK START GUIDE

DS

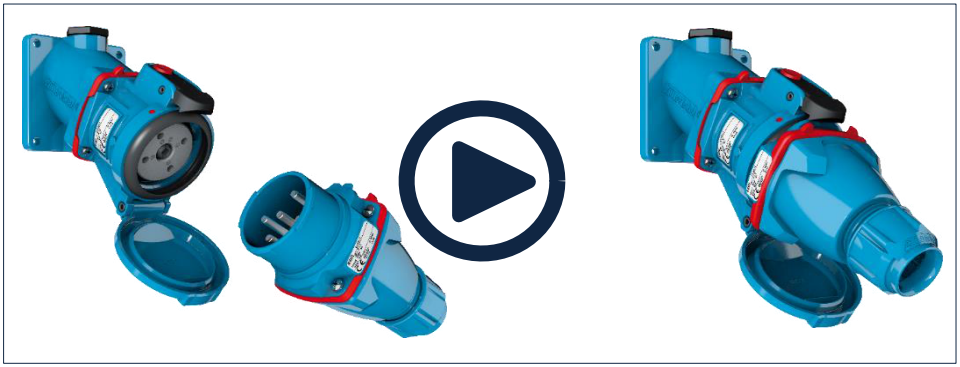


Type		mini-maxi mm²	mini-maxi mm²	mm		Nm (Hm)
DS1		2.5 – 6	2.5 – 10	10	19	1.5
		2.5 – 6	2.5 – 10	10	19	1.5
DS3		6 – 16	10 – 25	12	17	1.8
		1 – 2.5	1.5 – 4	14	13	0.8
DS6		10 – 25	10 – 35	24		4
DS9		25 – 70	25 – 95	30		9



	A mm	øB mm	øC mm
DS1	48	57	5
DS3	55	69	5
DS6	66	81	6
DS9	81	100	6





IS 06-1 [DS1/DS3/DS6/DS9] Rev A.5 - 2024-06

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MARECHAL ELECTRIC

MARECHAL® TECHNOR® MELTRIC®

INSTRUCTION SHEET

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- ▶FOREWORD
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- ▶MAINTENANCE
- ▶ SELF-EJECTING DEVICES
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- ▶RESPONSIBILITY
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▶FOREWORD

This instruction sheet has been prepared in English and translated into different languages. In case of divergence, the English version shall prevail. Download it for future use. Read this instruction sheet completely before proceeding with the installation. Plugs, fixed or portable socket-outlets and appliance inlets are herein referred to as "devices".
In some countries, the term "ground" is used instead of "earth". In some cases, for practical reasons, some of the stickers are delivered separately. Affix them near the device in a suitable and visible manner.

ENGLISH

►GENERAL

DECONTACTOR™ , are devices for industrial purposes with an integral switching device according to IEC/EN 60309- 1 and 60309- 4. They combine in a single accessory the performances of a plug and socket-outlet for industrial purposes with those of an air-break switch. In AC, they can make and break mixed resistive and inductive loads, highly inductive loads, or harsh overloads in complete safety. At their nominal ratings, DECONTACTOR™ have the performances of a switch of utilization category AC-22A and/or AC-23A, according to IEC/EN 60947-3 standard. These devices can be electrically interlocked with a switching device when one or two auxiliary contacts, if any, are used as pilot contacts. According to IEC/EN 60529 standard, live parts are protected against a 1 mm metallic wire IP4X/IPXXD by a safety shutter controlled by a complementary device having compatible ratings and contact configurations.

►INFORMATION

• MARECHAL ELECTRIC SAS declines any responsibility in the event of non-observance of applicable standards and instructions contained in this document.

• These devices must be installed and maintained by a qualified electrician.

• MARECHAL® devices must be used with MARECHAL® complementary devices only. Any repair or service must be performed with genuine MARECHAL® parts only.

• Only devices with similar casing material should be mated with each other: poly with poly and metal with metal. Metal-cased devices may use rear accessories (handle, box, adaptor) of insulating material.

• For optimum operation, ensure that the flexible cable does not hinder the return of the device to its rest position.

• Apply the recommended tightening torques. Do not overtighten the self-tapping screws.

• Poly box closing screws must be tightened at a torque of 1.2 Nm.

• Beyond certain values of voltage and current, devices may be used as "Connectors without breaking capacity". They are then fitted with a red sticker: WARNING - Do not connect/disconnect under load. Compliance with this warning is the responsibility of the installer and end-user. It can be performed using of a locking device (see Optional socket-outlet locking), by the installation itself, or by an appropriate procedure.

►WIRING

☼The contact terminals are spring-assisted to prevent loosening due to strand settlement, vibration, or thermal cycling.

• Remove an adequate length of cable outer sheath, according to the accessory used. The cable sheathing must extend through the cord grip into the accessory as required to achieve the intended sealing and cord gripping performance.

• Strip conductors' insulation to the lengths indicated.
(Other conductor sizes can be used with the help of specific amplifier lugs).
A crimped lug may prevent the dispersion of strands of flexible conductors.

		mini-maxi mm²	mini-maxi mm²	mm		Nm (Hm)		mm
DS1		2.5 – 6	2.5 – 10	10	19	1.5		4
		2.5 – 6	2.5 – 10	10	19	1.5		
DS3		6 – 16	10 – 25	12	17	1.8		5
		1 – 2.5	1.5 – 4	14	13	0.8		3
DS6		10 – 25	10 – 35	24		4		4
		2.2 (14 AWG)	-	-		-		-
DS9		25 – 70	25 – 95	30		9		4
		2.2 (14 AWG)	-	-		-		-

• Do not back terminal screws completely out;
• Fully insert the conductor and tighten the terminal screws to the torque indicated.

ENGLISH

COLOUR-CODED RINGS

(except EMC range)

Insert a colour-coded ring between the device and its rear accessory (handle, angle adapter, etc.).

The two protrusions of the rings must be positioned on the latch side for the socket-outlet/connector and on the catch side for the plug/inlet.

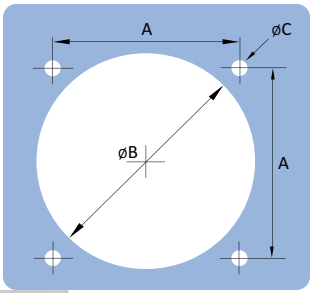
This ring acts as a seal.

VOLTAGE STICKERS

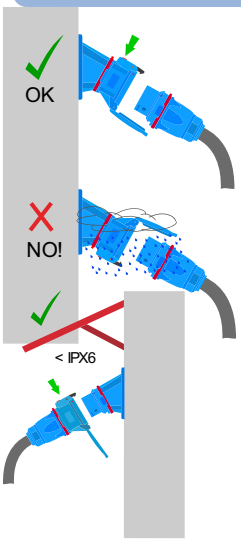
If necessary, affix the voltage stickers supplied in a bag to the locations provided for this purpose on the plug/inlet and on the socket-outlet cover.

▶INSTALLATION

• When devices are surface-mounted, the following drillings must be observed.



	A mm	øB mm	øC mm
DS1	48	57	5
DS3	55	69	5
DS6	66	81	5.5
DS9	81	100	6



• The socket-outlets have a retaining latch with a button. Install the devices so that the button is at the top.

• when the appliance inlet of an accessory having a degree of protection lower than IPX6 is oriented downwards, the portable socket-outlet (connector) is not protected against running water. This appliance inlet must be sheltered.

ENGLISH

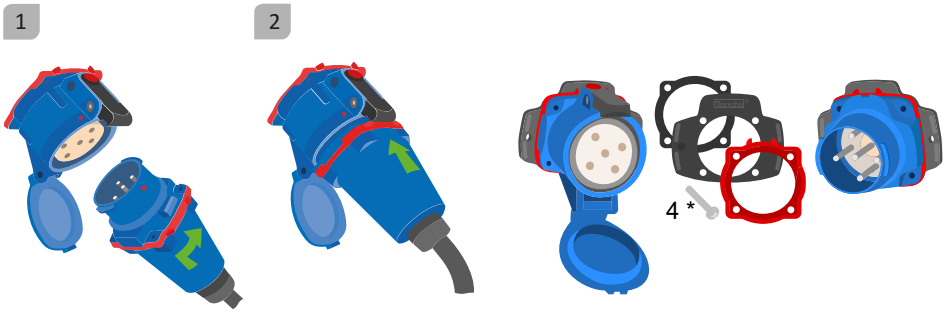
►OPERATION

• Only devices with compatible contact configurations and electrical ratings will mate.

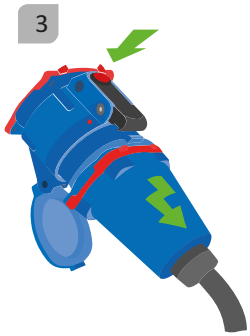
• The socket-outlet is shielded by a protective lid held in the closed position by a latch. Depress this latch to release the lid.

• To connect, align the red marks on the housings. Insert the device and turn clockwise until the stop. The device is in the rest position, circuit open.

• Push the device fully home until latched. If any, use the finger draw plates or the draw-and-lock levers. The finger draw plates must be assembled on the devices as follows.



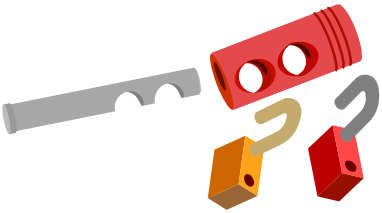
▶OPERATION



• To disconnect, disengage the draw-and-lock levers and depress the latch. The device returns to its rest position.
• Turn the device in the opposite direction to remove it. Shut the lid.

SOCKET-OUTLET LOCKING (OPTION)

• Padlocking: cover closed, insert the shaft into the hole provided on the socket-outlet and then place one or more padlock(s) (not supplied) or another locking device.



PLUG LOCKOUT (OPTION)

To prevent the plug from being inserted into a socket-outlet, place a padlock (not supplied) or other lockout device through the hole provided in the plug casing.

ENGLISH

►MAINTENANCE

• Ensure that the fixing screws, caps and cable glands are tight.

• Verify that the weight of the cable is supported by the strain relief mechanism and not by the terminal connections.

• To inspect the contacts, depress the spring-loaded ejection ring on two opposite points. The safety shutter can then be rotated clockwise to inspect contact tips. Any deposit can be rubbed off with a clean cloth, compressed air, or a fine emery cloth. Do not file or grind the contacts. If necessary, replace damaged contacts. Do not forget to re-lock the safety shutter after inspection.

• To replace contacts on Poly-cased DS and DSN, a special key (P/N° 31-A500-1) is available to remove the retaining clip of the casing and gain access to the contacts.

• Periodically inspect IP gaskets for wear and tear. Replace as necessary.

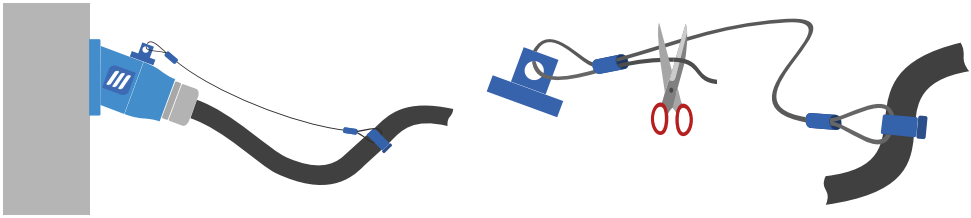
• Regularly check the continuity of the earth circuit by electric tests.

ENGLISH

► SELF-EJECTING DEVICES

The automatic ejection function uses modified devices, the active parts of which are protected against the contact test finger (IP2X/IPXXB, according to standard IEC/EN 60529). These devices must not be locked.

A device releases the retaining latch when accidental traction is exerted on the flexible power cable. This device is activated by means of a tension cord connected either to the flexible cable.

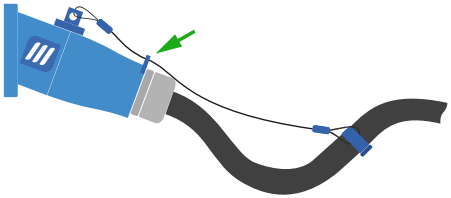


The tension cord has a loop at one end and a cable tie, for clamping the power cable or at a fixed point. A crimping lug allows looping the other end, once passed through to the releasing device and cut to the desired length.

ENGLISH

► SELF-EJECTING DEVICES

EYELET : Some handles are equipped with an eyelet. This eyelet allows an optimal pulling angle of the tension cord on the latch release mechanism.



• Make sure the tension cord is shorter than the flexible cable.

• Make sure that the ejection system operates correctly, considering the pulling angle of the cable with respect to the axis of the device.

• Make sure the ejected devices:

- are not likely to harm anyone in the vicinity;
- are not likely to be damaged or damage any surrounding equipment.

• Occasionally check the state of the tension cord and the free motion of the ejection mechanism.

ENGLISH

►OPTIONAL INDUSTRIAL-DOMESTIC ADAPTER

In option, some devices can receive an industrial-domestic adapter.

If the adapter is equiped with a fuse-holder, a 6,3x32 mm cylindric fuse is provided.

Chexk regularly the fuse state, change it when necessary.

Disconnect the adapter before each fuse verification/replacement.



• Opening of the fuse-holder: push the head of the fuse-holder (see figure) with a flat 4 mm screwdriver and turn conter-clockwise.

• Closing of the fuse-holder: push the head of the fuse-holder with the screwdriver and turn clockwise.

ENGLISH

►RESPONSIBILITY

• In the case MARECHAL® devices would be associated with devices or spare parts other than from MARECHAL®, MARECHAL ELECTRIC S.A.S.'s responsibility cannot be engaged, and the CE marking is invalidated. MARECHAL ELECTRIC S.A.S.'s responsibility is strictly limited to the obligations expressly agreed in its general sales conditions. Any penalty or indemnity provided herein will be considered as lump damages, redeeming from any other sanctions.

►DOCUMENTS

For the latest edition of our documents, visit
https://marechal.com/marechal/en/documentation.html

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ISTRUZIONI D'USO E MANUTENZIONE
CUSTODIE SERIE MXBS…

Certificati: LCIE 17 ATEX 3005X e IECEx LCIE 17.0003X

PREFAZIONE

Questo foglio di istruzioni è stato redatto in inglese e tradotto in diverse lingue. In caso di discrepanze, prevarrà la versione originale inglese.

CARATTERISTICHE GENERALI

Le custodie B2X sono destinate ad essere utilizzate in atmosfere potenzialmente esplosive.
Gli apparecchi sono conformi alle norme di sicurezza internazionali (IECEx) ed europee e in particolare alla direttiva 2014/34/UE.
Gli apparecchi possono essere installati nelle zone 1 e 2 (gas) e nelle zone 21 e 22 (polveri).
Queste custodie possono contenere apparecchiature a sicurezza intrinseca e tale combinazione deve essere conforme ai requisiti della norma IEC/EN 60079-25.
Il grado di protezione e di tenuta è IP66/IP67 secondo la norma IEC/EN 60529.

AVVERTENZE

• L'installazione e la manutenzione degli apparecchi "Ex" devono essere effettuate da personale abilitato, nel rispetto delle norme applicabili e delle presenti istruzioni.
• Tutti gli accessori complementari utilizzati (pressacavi, adattatori, tappi,…) devono essere certificati, avere un grado di protezione IP e modo di protezione compatibili con tali custodie e conservare le caratteristiche d'assieme. Devono essere installati secondo le istruzioni previste dal produttore.
• Il pre-cablaggio operato dalla nostra fabbrica tra le apparecchiature e le morsettiere non deve in nessun caso essere modificato.
• Il cablaggio deve essere realizzato in conformità alle prescrizioni riportate sul disegno allegato alle scatole.
• Rispettare le coppie di serraggio indicate nel disegno allegato e alla Tabella T1.
• Queste custodie devono essere impiegate in conformità alla loro destinazione d'uso. Rispettare la loro corrente nominale, tensione d'utilizzo, indice di protezione prevista e la loro classificazione Ex (vedasi dichiarazione UE).
• Gli apparecchi TECHNOR ITALSMEA SPA devono essere collegati esclusivamente ad apparecchi complementari TECHNOR ITALSMEA SPA. I dispositivi devono essere sostituiti esclusivamente con parti originali TECHNOR ITALSMEA SPA.
• L'uso di componenti accessori TECHNOR ITALSMEA SPA sulle custodie serie B2X… garantisce il completo rispetto di quanto richiesto dalle norme e direttive Ex.
• Qualsiasi riparazione o manutenzione effettuata su qualunque prodotto TEHNOR ITALSMEA SPA dovrà essere effettuata usando esclusivamente componenti originali TECHNOR ITALSMEA SPA.

MANUTENZIONE

• Le operazioni di manutenzione devono essere eseguite da personale qualificato o autorizzato.
• La norma IEC/EN 60079-17: Atmosfere esplosive - Parte 17: "Verifica e manutenzione degli impianti elettrici" prevede dei requisiti molto rigidi per la manutenzione degli impianti elettrici, da rispettare obbligatoriamente.
• Ispezionare periodicamente le guarnizioni (stato di usura ed elasticità). Sostituirle se necessario.
• Di tanto in tanto assicurarsi che le viti siano ben serrate.
• Per la pulizia, utilizzare uno straccio leggermente imbevuto d'acqua insaponata. Non utilizzare solventi.
• Presa(e) di corrente (a seconda del caso): rifarsi alle istruzioni corrispondenti.

DICHIARAZIONE DI CONFORMITÀ

Queste cassette sono state progettate, fabbricate e controllate nel rispetto delle normative in vigore internazionali ed europee in particolare alla Direttiva Europea ATEX 2014/34/UE. Hanno apposta la marcatura CE.
Nota: la marcatura CE non si applica alle parti di ricambio e ai componenti venduti separatamente.

RESPONSABILITÀ

Qualora gli apparecchi TECHNOR ITALSMEA SPA siano associati ad apparecchi o parti di ricambio diversi da quelli di TECHNOR ITALSMEA SPA, la marcatura CE non è valida e non è configurabile alcuna responsabilità di TECHNOR ITALSMEA SPA.
La responsabilità di TECHNOR ITALSMEA SPA è strettamente limitata agli obblighi espressamente convenuti nelle relative condizioni generali di vendita. Qualsiasi penale o indennizzo previsto in virtù del presente avrà natura di risarcimento danni forfettario ed escluderà qualsiasi altra sanzione.

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USE AND MAINTENANCE INSTRUCTIONS
ENCLOSURES MXBS…SERIE

Certificates: LCIE 17 ATEX 3005X and IECEx LCIE 17.0003X

FOREWORD

This instruction sheet has been prepared in English and translated into different languages. In case of divergence, the English version shall prevail.

GENERAL

MXBS boxes are intended for use in potentially explosive atmospheres.
They comply with the relevant international (IECEx) and European safety standards and particularly with the ATEX Directive 2014/34/EU.
They can be installed in zones 1 and 2 (for gas) and in zones 21 and 22 (for dust).
These boxes may be used for certified intrinsically safe equipment. Such combination must comply with the requirements of IEC/EN 60079-25 standard.
Their IP66/IP67 rating is given according to IEC/EN 60529 standard.

WARNING & INSTALLATION

• Installation and maintenance of "Ex" devices must be performed by an authorized electrician, according to applicable standards and to the present instruction sheet.
• Any additional components used (e.g. cable entry, adaptor, blanking cap, etc.) must be certified with (a) protection mode(s) and IP rating that are compatible with and maintain the rating of the device they are used with. They must be installed according to the manufacturer's instructions.
• No alteration must be made to the factory-made pre-wiring between the terminal blocks and the devices.
• Wiring must be in accordance with the requirements defined in the drawing delivered with the box.
• Observe the tightening torque indicated on the attached drawing and in **table 1.**
• These boxes must be used according to their designed destination. Respect their assigned ratings in terms of current, voltage, IP and their Ex classification (see EU declaration).
• Where there is a risk of deformation of the surface on which the device is installed, care must be taken to prevent the transmission of this deformation to the device or its surface box.
• The use of TECHNOR ITALSMEA SPA complementary devices on enclosures MXBS… series guarantee total respect of the requirements of Ex standard and directives.
• Any repair or service on any TECHNOR ITALSMEA SPA product must be achieved with genuine TECHNOR ITALSMEA SPA parts only.

MAINTENANCE

• Maintenance operations should only be carried out by a qualified or authorized electrician.
• IEC/EN 60079-17 standard: Explosive atmospheres – Part 17: "Electrical installations inspection and maintenance", foresees very strict requirements regarding the maintenance of electric installations which must be imperatively respected.
• Inspect periodically IP gaskets for wear and resilience. Replace as required.
• From time to time the fastening screws should be checked for tightness.
• Use a wet cloth and soap to clean the device. Do not use any solvent.
• Socket-outlet(s): please refer to the corresponding instruction sheet.

DECLARATION OF CONFORMITY

These boxes have been designed, manufactured and controlled in a strict respect of the requirements and rules of international and European standards and particularly the ATEX Directive 2014/34/EU. They bear the CE marking.
Note: The CE marking does not apply to spare parts and components supplied separately.

RESPONSIBILITY

In the case TECHNOR ITALSMEA SPA devices are associated with devices or spare parts other than from TECHNOR ITALSMEA SPA , the CE marking is invalidated and TECHNOR ITALSMEA SPA's responsibility cannot be engaged.
TECHNOR ITALSMEA SPA's responsibility is strictly limited to the obligations expressly agreed in its general sales conditions. Any penalty or indemnity provided herein will be considered as lump damages, redeeming from any other sanctions.

Tabella T1 / Table T1 :

T1	Nm/Нм
M5	8.5
M6	9
M8	20
M10	25
M12	35
	Nm/Нм
Poly	2
Alu	2
Stainless/rostfrei/ inox/inossidable	1.5

Sub-section 1.6

ATEX REGISTER

1724001481-EL-LIS-00005

Base Load Power Hub (BLPH)

ATEX REGISTER

JB, SOCKET

Document Number:1724001481-EL-LIS-0005

Document Class: 2

ROSETTI MARINO

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
	04/02/2025

Rev.	Date	Description	Prepared	Reviewed	Approved
04	29/01/2025	Accepted for Construction (AFC)	F. Bufano	M. Berzoini	M. Berzoini
03	20/01/2025	Issue for Review (IFR)	F. Bufano	M. Berzoini	M. Berzoini
02	02/12/2024	Issue for Review (IFR)	F. Bufano	M. Berzoini	M. Berzoini
00	12/09/2024	Issue for Review (IFR)	F. Bufano	M. Berzoini	M. Berzoini

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		00	01	02	03	04			
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2	Table of Contents	X	X	X	X	X			
3	Revision / Change Log	X	X	X	X	X			
4	Atex Register	X	X	X	X	X			

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Revision / Change Log

Rev.	Description
00	ISSUE FOR REVIEW (IFR)
01	ISSUE FOR REVIEW (IFR)
02	ISSUE FOR REVIEW (IFR)
03	ISSUE FOR REVIEW (IFR)
04	ACCEPTED FOR CONSTRUCTION (AFC)

HOLDS LIST

No.	Description
1.	
2.	
3	
4	

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No.	Revision	Tag Number	Description	Location	Manufacturer	Model Type Catalogue Number	Serial Number	ATEX Certification Marking	Reference Document	ATEX Certificate Number	Installation Zone	Notes / Comments	P.O.	Vendor	Skid / Package	Barrier Calculation Ref.	Non-Electrical Equipment	Special Conditions of safe use Applicable
1	1	EJB-200N1-03-L2-04	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990001	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
2	1	EJB-200N1-03-L2-03	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990002	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
3	1	EJB-200N1-03-L2-01	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990003	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
4	1	EJB-200N1-03-L2-02	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990004	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
5	1	EJB-200N1-03-L2-12	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990005	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
6	1	EJB-200N1-03-L2-11	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990006	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
7	1	EJB-200N1-03-L2-10	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990007	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
8	1	EJB-200N1-03-L2-09	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990008	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
9	1	EJB-200N1-03-L2-08	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990009	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
10	1	EJB-200N1-03-L2-07	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990010	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
11	1	EJB-200N1-03-L2-06	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990011	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
12	1	EJB-200N1-03-L2-05	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990012	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
13	1	EJB-200N1-03-L2-14	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990013	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
14	1	EJB-200N1-03-L2-13	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990014	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
15	1	EJB-200N1-09-L2-17	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990015	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
16	1	EJB-200N1-09-L2-01	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990016	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
17	1	EJB-200N1-09-L2-04	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990017	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
18	1	EJB-200N1-09-L2-02	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990019	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
19	1	EJB-200N1-09-L2-15	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990020	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
20	1	EJB-200N1-09-L2-14	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990021	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
21	1	EJB-200N1-09-L2-13	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990022	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
22	1	EJB-200N1-09-L2-12	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990023	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
23	1	EJB-200N1-09-L2-11	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990024	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
24	1	EJB-200N1-09-L2-10	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990025	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
25	1	EJB-200N1-09-L2-09	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990026	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
26	1	EJB-200N1-09-L2-08	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990027	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
27	1	EJB-200N1-09-L2-07	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990028	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
28	1	EJB-200N1-09-L2-06	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990029	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
29	1	EJB-200N1-09-L2-05	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990030	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
30	1	EJB-200N1-09-L2-16	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990031	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
31	1	EJB-200N1-04-L3-01	Stair Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990032	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
32	1	EJB-200N1-04-L3-02	Stair Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990033	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
33	1	EJB-200N1-10-L3-05	Stair Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990034	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
34	1	EJB-200N1-10-L3-06	Stair Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990035	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
35	1	EJB-200N1-10-L3-07	Stair Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990036	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
36	1	EJB-200N1-10-L3-08	Stair Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990037	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
37	1	EJB-200N1-10-L3-09	Stair Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990038	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
38	1	EJB-200N1-10-L3-02	Stair Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990039	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
39	1	EJB-200N1-10-L3-01	Stair Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990040	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
40	1	EJB-200N1-10-L3-03	Stair Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990041	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
41	1	EJB-200N1-10-L3-04	Stair Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990042	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
42	1	EJB-200N1-02-L1-03	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990043	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
43	1	EJB-200N1-02-L1-02	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990044	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
44	1	EJB-200N1-02-L1-01	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990045	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
45	1	EJB-200N1-02-L1-10	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990047	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES

46	1	EJB-200N1-02-L1-19	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990048	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
47	1	EJB-200N1-02-L1-18	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990035	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
48	1	EJB-200N1-02-L1-17	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990034	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
49	1	EJB-200N1-02-L1-16	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990051	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
50	1	EJB-200N1-02-L1-15	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990052	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
51	1	EJB-200N1-02-L1-14	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990053	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
52	1	EJB-200N1-02-L1-13	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990054	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
53	1	EJB-200N1-02-L1-12	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990031	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
54	1	EJB-200N1-02-L1-11	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990030	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
55	1	EJB-200N1-02-L1-06	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990057	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
56	1	EJB-200N1-02-L1-05	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990058	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
57	1	EJB-200N1-02-L1-07	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990059	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
58	1	EJB-200N1-02-L1-08	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990060	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
59	1	EJB-200N1-02-L1-09	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990061	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
60	1	EJB-200N1-08-L1-03	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990062	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
61	1	EJB-200N1-08-L1-01	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990064	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
62	1	EJB-200N1-08-L1-04	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990065	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
63	1	EJB-200N1-08-L1-19	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990066	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
64	1	EJB-200N1-08-L1-18	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990067	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
65	1	EJB-200N1-08-L1-17	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990068	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
66	1	EJB-200N1-08-L1-16	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990069	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
67	1	EJB-200N1-08-L1-15	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990070	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
68	1	EJB-200N1-08-L1-14	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990071	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
69	1	EJB-200N1-02-L1-20	Normal Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990072	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
70	1	EJB-200N1-08-L1-12	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990073	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
71	1	EJB-200N1-08-L1-11	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990074	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
72	1	EJB-200N1-08-L1-10	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990075	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
73	1	EJB-200N1-08-L1-20	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990076	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
74	1	EJB-200N1-08-L1-05	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990077	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
75	1	EJB-200N1-08-L1-06	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990078	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
76	1	EJB-200N1-08-L1-07	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990079	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
77	1	EJB-200N1-08-L1-09	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990080	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
78	1	EJB-200N1-08-L1-08	Emergency Lighting JB	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990081	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
79	1	EJB-200F2-01	Top Obstruction Lights Junction Box	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990082	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES
80	1	EJB-200F2-02	Intermediate obstruction lights junction box	N/A	TECHNOR ITALSMEA	AQ-252612P	24P00297990083	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	1724001481-EL-DA-00003	FIDI 21ATEX 0090X	ZONE2	N/A	1724001481 123A90A	TECHNOR ITALSMEA	N/A	N/A	N/A	YES

Sub-section 1.7

VENDOR ASSET REGISTER

1724001481-EL-LIS-00006

Base Load Power Hub (BLPH)

VENDOR ASSET REGISTER

JB, SOCKET

Document Number:1724001481-EL-LIS-00006

Document Class: 2

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1	NO COMMENTS - APPROVED - WORK MAY PROCEED
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Rev.	Date	Description	Prepared	Reviewed	Approved
04	20/12/2024	Accepted for Construction (AFC)	F. Bufano	M. Berzoini	M. Berzoini
03	02/12/2024	Accepted for Construction (AFC)	F. Bufano	M. Berzoini	M. Berzoini
02	27/11/2024	Accepted for Construction (AFC)	F. Bufano	M. Berzoini	M. Berzoini
01	28/10/2024	Issue for Review (IFR)	F. Bufano	M. Berzoini	M. Berzoini
00	12/09/2024	Issue for Review (IFR)	F. Bufano	M. Berzoini	M. Berzoini

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00	ISSUE FOR REVIEW (IFR)
01	ISSUE FOR REVIEW (IFR)
02	ACCEPTED FOR CONSTRUCTION (AFC)
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Tag Number	Tag Description	Physical Class Name	Location	System/SubSy	Purchase Order Nun	Vendor Company Name	Manufacturer Company Name	Model Number	Equipment Manufacturer Serial Number	Model Part No	Hazardous	Hazardous Area Certificate Standard	Hazardous Area Certifying Authority	Hazardous Area Certificate Number	Atex Classification	Explosion Protection Examination Certificate Document Number	Layout Drawing	Datasheet	Assembly/Dimensional Drawing	General Arrangement	Operating & Maintenance Manual	Wiring Diagram	Spare Parts List	Lubricant Document Reference	Criticality	Remarks
EJB-200F2-01	Top Obstruction Lights Junction Box	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990082	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200F2-02	Intermediate obstruction lights junction box	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990083	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-01	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990045	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-02	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990044	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-03	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990043	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-05	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990058	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-06	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990057	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-07	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990059	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-08	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990060	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-09	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990061	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-10	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990047	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-11	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990030	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-12	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990031	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-13	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990054	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-14	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990053	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-15	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990052	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-16	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990051	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-17	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990034	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-18	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990035	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-19	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990048	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-02-L1-20	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990072	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-01	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990003	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-02	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990004	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-03	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990002	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-04	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990001	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-05	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990012	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-06	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990011	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-07	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990010	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-08	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990009	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-09	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990008	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-10	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990007	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-11	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990006	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-12	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990005	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-13	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990014	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-03-L2-14	Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990013	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-04-L3-01	Stair Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990032	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-04-L3-02	Stair Normal Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990033	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-01	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990064	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-03	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990062	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-04	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990065	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-05	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990077	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-06	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990078	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-07	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990079	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-08	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990081	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-09	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990080	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-10	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990075	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-11	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990074	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-12	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990073	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-14	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990071	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-15	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990070	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-16	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990069	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-17	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990068	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-18	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990067	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-19	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990066	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-08-L1-20	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990076	B015I00029809	True	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-01	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990016	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-02	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AQ-252612P	24P00297990019	B015I00029809	False	ZONE 1/ZONE 21 (IEC/EN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-DS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A

EJB-200N1-09-L2-04	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990017	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-05	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990030	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-06	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990029	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-07	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990028	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-08	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990027	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-09	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990026	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-10	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990025	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-11	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990024	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-12	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990023	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-13	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990022	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-14	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990021	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-15	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990020	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-16	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990031	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-09-L2-17	Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990015	B015100029809	True	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-10-L3-01	Stair Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990040	B015100029809	True	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-10-L3-02	Stair Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990039	B015100029809	False	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-10-L3-03	Stair Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990041	B015100029809	True	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-10-L3-04	Stair Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990042	B015100029809	True	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-10-L3-05	Stair Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990034	B015100029809	True	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-10-L3-06	Stair Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990035	B015100029809	True	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-10-L3-07	Stair Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990036	B015100029809	True	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-10-L3-08	Stair Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990037	B015100029809	True	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-10-L3-09	Stair Emergency Lighting JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990038	B015100029809	True	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-14-L1-01	TRACE HEATING - PROCESS LINES - FEEDER 1 (SWS LINES) Cold JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298000002	B015100029813	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-15-L2-01	TRACE HEATING - PROCESS LINES - FEEDER 2 (CI LINES) Cold JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298000003	B015100029813	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-17-L1-01	TRACE HEATING - PROCESS LINES (WW LINES & LT) Cold JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298000001	B015100029813	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
ESO-200N1-05-L1-01	Small Power Socket (Upper Deck)	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298020004	B040600029801	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A
ESO-200N1-05-L1-02	Small Power Socket (Upper Deck)	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298020005	B040600029801	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A
ESO-200N1-06-L2-01	Small Power Socket (Lower Deck)	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298020002	B040600029801	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A
ESO-200N1-06-L2-02	SMALL POWER SOCKET	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298020003	B040600029801	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A
ESO-200N1-06-L2-03	Small Power Socket (Below lower Deck)	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298020001	B040600029801	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A
ESW-200N1-01	WELDING SOCKET (Top Deck)	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-4140 12P	24P00298030003	B040600029802	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A
ESW-200N1-02	WELDING SOCKET (Top Deck)	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-4140 12P	24P00298030004	B040600029802	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A
ESW-200N2-01	Welding Socket (Lower Deck)	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-4140 12P	24P00298030001	B040600029802	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A
ESW-200N2-02	Welding Socket (Lower Deck)	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-4140 12P	24P00298030002	B040600029802	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A
JB-200E1	Solar PV Power Cable JB	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	SB-765520	24P00297980001	B016000029817	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
JB-200E2	Temporary Generator / Mobile Battery Pack	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	SB-385720	24P00298010001	B016000029818	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990046	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990063	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990018	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990084	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990085	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990086	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990087	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990088	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990089	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990090	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Normal & Emergency Lighting	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00297990091	B015100029809	N/A	ZONE 1/ZONE 21 (IECEN 60079-7)	FIDITAS	FIDI 21ATEX 0090X IECEx FIDI 21.0015X	Ex eb IIC T6 Gb Ex tb IIIC T85°C Db IP66	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
EJB-200N1-20-L1-01	Junction Box for Heat Tracing	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298000004	B015100029813	False	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box for Heat Tracing	ElectricalJunctionBox	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298000005	B015100029813	N/A	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	N/A	N/A	N/A	N/A	N/A
SPARE (TO BE PROVIDED BLANK)	Junction Box with 16A Power Sockets	ElectricalEquipment	N/A	N/A	1724001481	TECHNOR ITALSMEA	TECHNOR ITALSMEA	AG-2526 12P	24P00298020006	B040600029801	N/A	SAFE AREA	N/A	N/A	N/A	N/A	1724001481-EL-DA-00003	1724001481-EL-OS-00004	1724001481-EL-DA-00003	1724001481-EL-DA-00003	1724001481-EL-MAN-00009	1724001481-EL-DA-00003	N/A	N/A	N/A	N/A

Sub-section 1.8

HAZARDOUS AREA CERTIFICATES FOR JUNCTION BOXES

[1] SUPPLEMENTARY EU – TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU.

[3] Supplementary EU-Type Examination Certificate Number: **FIDI 21 ATEX 0090X/1**

[4] Product: **Junction boxes, local control stations and local control panels**

Type: **AQ-***P / AQ-***AL / AR-***P / AR-***AL**
AQ-*P-HT / AQ-***AL-HT / AR-***P-HT / AR-***AL-HT**
SB-* / ST-***
EFE-* / EFXE-*** AL/ EFXE-***SB / EFXE-***ST**
EFE-*-HT / EFXE-***AL-HT**

[5] Manufacturer: **Technor Italsmea S.p.A.**

[6] Address: **Via Italia 33, 20060 Gessate (MI), Italy**

[7] This supplementary certificate extends EU – Type Examination Certificate to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule to this certificate and the documents therein referred to.

[8] FIDITAS Ltd., Notified Body number 2829 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.

[9] The examination and test results are recorded in confidential Report No: **FIDI 23 CR 019**

[10] The marking of the product shall include the following:

II 1 G	**Ex ia IIC/IIB T6...T4 Ga**(2) or
II 2(1) G or **II 2(2) G**	**Ex db eb ia/ib mb [**(3)**] IIC/IIB T6...T4 Gb**(1) or
II 2 G	**Ex eb IIC/IIB T6...T4 Gb**(1) or
II 2 D	**Ex tb IIIC T85°C...T135°C Db**

(1) Others type of protection additional to 'eb' depending to the components actually mounted.

(2) In case of enclosures containing 'eb' terminals and/or 'ia Ga' already certified components (with compatible marking) only.

(3) Associated equipment protection depending on the components actually mounted (see lists):
e.g. [ia/ib/ia Ga/ia IIIC Da] and/or [ia IIIC Da] or [ia/ib/ia Ga/ia IIIC Da] and/or [ia/ib/ia Ga] [ia IIIC Da]

FIDITAS Ltd.
Certification department
Approved:

Marino Kelava, M.E.Eng.

Our ref.: 23.CRT.071

Date: 19.04.2023

Fiditas d.o.o. ZAGREB

Fiditas Ltd. Slavka Tomerlina 44, 10361 Zagreb-Sesvete, Croatia
Phone: +385 1 5578565; info@fiditas.com ; www.fiditas.com

This certificate may only be reproduced in its entirety, without any change, schedule included

[11] SCHEDULE

[12] **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE No.: FIDI 21 ATEX 0090X /1**

[13] Description of the variation to the Product

New Ex products added:

- Surge voltage protection unit type: PLUGTRAB PT2 or PT4 – PHOENIX CONTACT; II 1G> Ex ia IIC T4...T6 Ga; KEMA 00 ATEX 1099X;
- SITRANS TH230/420, type: 7NG0317, 0310; 0410 TR320/TR420 7NG0327; 7NG0320; TYPE 7NG0420; Siemens AG; II 1G Ex ia IIC T6...T4 Ga; II 2(1)G Ex ib [ia Ga] IIC T6...T4 Gb; DEKRA 17 ATEX 0116X
- Enhanced Model 644 Temperature Transmitter, ROSEMOUNT INCORPORATED, II 1G Ex ia IIC T6...T4 Ga; DEKRA 21ATEX0003X,
- Temperature Transmitter type: 5434D; 5431D; 6431D; 5435D; 5437D; 5437D; 5437B; 6437D, II 1G Ex ia IIC T6...T4 Ga; II 2(1)G Ex ib [ia Ga] IIC T6...T4 Gb; DEKRA 16 ATEX 0047X,
- Controls Units and / or Junction Boxes Type: GUB..., TECHNOR ITALSMEA; II 2G Ex db (*) IIC T(*) Gb; INERIS 22 ATEX 0008X
- Cable Transit Device type: CF 8 Ex, CF 32 Ex, CF 16 Ex, C RS T...Ex, RS..B Ex, SF...Ex, SFX...B Ex, B...B Ex, R...B Ex and RO...B; ROXTEC INTERNATIONAL AB, II 2G Ex e IIC Gb, II 2D Ex tb IIC Db; NEMKO 12 ATEX 1278X
- Cable Transit Device type: HD 16 Ex, HD 24 Ex, HD 32 Ex and HDLC Ex, ROXTEC INTERNATIONAL AB, II 2G Ex eb IIC Gb, II 2D Ex tb IIIC Db, PRESAFE 15 ATEX 6419X
- Control stations and junction boxes type: CP..., TECHNOR ITALSMEA, II 2G Ex db IIC T6 or T5 or T4 Gb or II 2(1)G Ex db [ia Ga] IIC T6 Gb(***) or II 2(2)G Ex db [ib] IIC T6 Gb (***); INERIS 03 ATEX 0009X
- Industrial plug and socket type: DXN1, MARECHAL ELECTRIC, II 2G Ex db eb IIC T5 or T6; II 2D Ex tb IIIC T90°C/T70°C; LCIE 99 ATEX6027X
- Industrial plug and socket type: DXN3, MARECHAL ELECTRIC; II 2G Ex db eb IIC T5 or T6; II 2D Ex tb IIIC T90°C/T70°C; LCIE 05 ATEX 6149X
- Industrial plug and socket type: DXN6, MARECHAL ELECTRIC, II 2G Ex db eb IIC T5 or T6; II 2D Ex tb IIIC T90°C/T70°C; LCIE 05 ATEX 6150X
- Industrial plug and socket type: PXN12C, MARECHAL ELECTRIC, II 2G Ex eb IIC T*; II 2G Ex ia or ib IIC T*; II 2D Ex tb IIIC T* Db; LCIE 07 ATEX 6070X
- Industrial plug and socket type: DXN25C, MARECHAL ELECTRIC; II 2G Ex eb IIC T*; II 2G Ex ia or ib IIC T6; II2D Ex tb IIIC T*; LCIE 09ATEX3050X
- Industrial plug and socket type: DXN37C, MARECHAL ELECTRIC; II 2G Ex eb IIC T*; II 2G Ex ia or ib IIC T6; II2D Ex tb IIIC T*; LCIE 07ATEX6071X
- Industrial plug and socket type: SPeX, MARECHAL ELECTRIC, II 2G Ex eb IIC T*; II2D Ex tb IIIC T* Db; LCIE 07ATEX6073X
- Industrial plug and socket type: DXA1, MARECHAL ELECTRIC, II 2G Ex db eb IIC T* Gb; II 2D Ex tb IIC T*°C Db; LCIE 15ATEX 3033X
- Industrial plug and socket type: PNCX, MARECHAL ELECTRIC, II 2G Ex IIC T6 Gb; II 2D Ex tb IIIC T72°C Db; LCIE 16ATEX3001X
- Terminal type: WDU 240, WEIDMULLER, II 2G Ex eb IIC Gb; KEMA 01 ATEX 2186U.

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[14] Confidential Report No. FIDI 23 CR 019

[14.1] Routine testing

No change to specified in the initial certificate.

[15] Specific Conditions of Use

Addditional to those specified the initial certificate:

- Manufacturer must obey relevant specific condition of use of Ex equipment and/or schedule of limitation of Ex components installed in/on the product and forward to the end user if relevant for the installation and use.

[16] Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

[17] Drawings and Documents

Title:	Drawing No.:	Rev. level:	Date:
Technical note	TN2111	1	20.01.2023
Instruction for use	TN2111 Annex A	1	20.01.2023
Apparatus list	TN2111 Annex B	1	20.01.2023

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IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	**IECEx FIDI 21.0015X**	Page 1 of 4	Certificate history: Issue 0 (2022-02-18)
Status:	**Current**	Issue No: 1	
Date of Issue:	2023-05-04		

Applicant: **Technor Italsmea S.p.A.**
Via Italia 33
20060 Gessate (MI)
Italy

Equipment: **Junction boxes, local control stations and local control panels**

Optional accessory: Model reference: AQ-***P / AQ-***AL / AR-***P / AR-***AL / AQ-***P-HT / AQ-***AL-HT / AR-***P-HT / AR-***AL-HT / SB-*** / ST-*** / EFE-*** / EFXE-*** AL/ EFXE-***SB / EFXE-***ST / EFE-***-HT / EFXE-***AL-HT

Type of Protection: **Flameproof enclosure 'db'; Intrinsic safety 'ia/ib'; Increased safety 'eb'; Encapsulation 'mb', Protection by enclosure 'tb'**

Marking: **Ex ia IIC/IIB T6...T4 Ga**(2) or

Ex db eb ia/ib mb [(3)] IIC/IIB T6...T4 Gb(1) or

Ex eb IIC/IIB T6...T4 Gb(1) or

Ex tb IIIC T85°C...T135°C Db

(1) Others type of protection additional to Ex e/eb depending to the components actually mounted.

(2) In case of enclosures containing Ex e/Ex eb terminals and/or Ex ia Ga already certified components (with compatible marking) only.

(3) Associated equipment protection depending on the components actually mounted (see lists): e.g. [ia/ib/ia Ga/ia IIIC Da] and/or [ia IIIC Da] or [ia/ib/ia Ga/ia IIIC Da] and/or [ia/ib/ia Ga] [ia IIIC Da]

Approved for issue on behalf of the IECEx Certification Body: **Marino Kelava**

Position: **Certification Signatory**

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

Fiditas Ltd
Slavka Tomerlina 44
HR-10361 Zagreb-Sesvete
Croatia

Fiditas
explosion safety solutions

IECEx Certificate of Conformity

Certificate No.: **IECEx FIDI 21.0015X** Page 2 of 4

Date of issue: 2023-05-04 Issue No: 1

Manufacturer: **Technor Italsmea S.p.A.**
Via Italia 33
20060 Gessate (MI)
Italy

Manufacturing locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

IEC 60079-18:2017 Explosive atmospheres - Part 18: Protection by encapsulation "m"
Edition:4.1

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

HR/FIDI/ExTR21.0016/00 HR/FIDI/ExTR21.0016/01

Quality Assessment Report:

FR/INE/QAR08.0002/15

IECEx Certificate of Conformity

EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

Junction boxes, local control stations and local control panels series AQ-…..; AR-…..; SB…..; EFE-…..; EFXE-….. use certified enclosures of various sizes, manufactured by Technor Italsmea S.p.A., type: AQ-.... ; AR-....; SB-...; ST- …, certificate IECEx FIDI 21.0012U.

Enclosures coded …-HT are made in glass fiber reinforced polyester resin or in aluminum, and covered by IECEx component certificates: IECEx PTB 08.0003U, enclosure type: 26.****** and IECEx PTB 08.0003U, enclosure type: 25.******.

Enclosures may be equipped with certified Ex equipment or Ex components and Ex terminals listed in manufacturer's documentation. Certified Ex equipment or Ex components and Ex terminals must be used according to data available in related component or equipment certificates, in particular relevant temperature range, voltage and current limitations. The cable glands or plugs, with separate IECEx certificate, made in type of protection ‘eb’ and/or ‘tb’ with appropriate IP protection are mounted according to related manufacturer’s installation instructions. Each enclosure is provided with internal earthing certified terminal or earthing screw or bolt. Metal enclosures are provided by external earthing screw or bolt. Metal and polyester enclosures can be provided by passing through earthing terminals.

All enclosures can be provided by:
- Externally installed accessories as specified in manufacturer documents,
- Drain breath device type ECR3, included in this certificate,
- Internal/external earthing plate.

For other description see Annex.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Enclosures marked with warning label: “WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS” must be cleaned only by damp cloth or antistatic products.
- Apparatus equipped with drain / venting valve Technor Italsmea model ECR3:
  - the valve cannot be open when an explosive dust atmosphere is present.
  - The valve can be open when an explosive gas atmosphere is present: when open, the equipment reaches the protection degree IP44.
  - When the valve is left in open position, it should be protected from light exposure.
- On the intrinsic safety terminals, the user must only connect devices with compatible intrinsic safety parameters according to IEC 60079-14.

IECEx Certificate of Conformity

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
New IECEx certified Ex products added in the Apparatus list according to list given in HR/FIDI/ ExTR 21.0016/01.

Annex:

IECEx FIDI 21.0015X Technor Equipment Annex1 issue1.pdf

Technical description (continued from original certificate)

Model identification

Junction boxes

A(1)-(2) (3) (4) (5) (6)	(1) –	**Q**: Square size **R**: Rectangular size
	(2) (3) (4)	dimension, in cm
	(5)	Material **P**: Glass fiber reinforced polyester resin **AL**: Aluminium Alloy
	(6)	None: up to internal temperature of 105°C **HT**: up to internal temperature of 130°C
SB- (2) (3) (4)	(2) (3) (4)	dimension, in cm
ST- (2) (3) (4)	(2) (3) (4)	dimension, in cm

Panel boards

EFE- (2) (3) (4) (6)	(2) (3) (4)	dimension, in cm
	(6)	None: up to internal temperature of 105°C **HT**: up to internal temperature of 130°C
EFXE- (2) (3) (4) (5) (6)	(2) (3) (4)	dimension, in cm
	(5)	Material **SB** or **ST**: stainless steel **AL**: Aluminium Alloy
	(6)	None: up to internal temperature of 105°C **HT**: up to internal temperature of 130°C

Technical data:

Electrical data:	According to Ex component to actually installed
Ambient temperature:	-50°C to +95°C Other possible ranges are with: - min temperature: -50°C to -20 °C - max temperature of +40 °C to +95 °C
Mechanical protection:	IP55, IP66 or IP67 depending on model

Temperature class and/or maximum surface temperature of any junction box or control panel depend on ambient temperature and internal power dissipation. The values that must be observed are given in relevant tables in this certificate.

For commercial reasons model name listed in the tables below can be modified as follows: first (2) and second (3) pair of digits can be reversed.

Models sizes

Polyester High Temperature		Aluminium High Temperature	
AQ-080806P-HT	EFE-080806-HT	AQ-080806AL-HT	EFXE-080806AL-HT
AQ-080808P-HT	EFE-080808-HT	AR-081306AL-HT	EFXE-081306AL-HT
AR-081106P-HT	EFE-081106-HT	AR-081806AL-HT	EFXE-081806AL-HT
AR-081108P-HT	EFE-081108-HT	AR-082505AL-HT	EFXE-082505AL-HT
AR-081606P-HT	EFE-081606-HT	AQ-101008AL-HT	EFXE-101008AL-HT
AR-081608P-HT	EFE-081608-HT	AR-101608AL-HT	EFXE-101608AL-HT
AR-081906P-HT	EFE-081906-HT	AR-102008AL-HT	EFXE-102008AL-HT
AR-081908P-HT	EFE-081908-HT	AQ-121208AL-HT	EFXE-121208AL-HT
AR-082306P-HT	EFE-082306-HT	AQ-121209AL-HT	EFXE-121209AL-HT
AR-082308P-HT	EFE-082308-HT	AR-122208AL-HT	EFXE-122208AL-HT
AQ-121209P-HT	EFE-121209-HT	AR-122209AL-HT	EFXE-122209AL-HT
AR-122209P-HT	EFE-122209-HT	AR-123608AL-HT	EFXE-123608AL-HT
AQ-161609P-HT	EFE-161609-HT	AQ-141409AL-HT	EFXE-141409AL-HT
AR-162609P-HT	EFE-162609-HT	AR-142009AL-HT	EFXE-142009AL-HT
AR-163609P-HT	EFE-163609-HT	AQ-161609AL-HT	EFXE-161609AL-HT
AR-165609P-HT	EFE-165609-HT	AR-162609AL-HT	EFXE-162609AL-HT
AQ-202017P-HT	EFE-202017-HT	AR-163609AL-HT	EFXE-163609AL-HT
AR-203017P-HT	EFE-203017-HT	AR-165609AL-HT	EFXE-165609AL-HT
AQ-252612P-HT	EFE-252612-HT	AQ-181810AL-HT	EFXE-181810AL-HT
AQ-252616P-HT	EFE-252616-HT	AR-182810AL-HT	EFXE-182810AL-HT
AR-254012P-HT	EFE-254012-HT	AR-102311AL-HT	EFXE-102311AL-HT
AR-254016P-HT	EFE-254016-HT	AR-202311AL-HT	EFXE-202311AL-HT
AR-256012P-HT	EFE-256012-HT	AR-202318AL-HT	EFXE-202318AL-HT
AR-304020P-HT	EFE-304020-HT	AR-232811AL-HT	EFXE-232811AL-HT
AQ-363609P-HT	EFE-363609-HT	AR-233311AL-HT	EFXE-233311AL-HT
AR-406025P-HT	EFE-406025-HT	AR-233318AL-HT	EFXE-233318AL-HT
AQ-414012P-HT	EFE-414012-HT	AR-234011AL-HT	EFXE-234011AL-HT
AQ-414020P-HT	EFE-414020-HT	AR-234023AL-HT	EFXE-234023AL-HT
		AR-236011AL-HT	EFXE-236011AL-HT
		AR-314011AL-HT	EFXE-314011AL-HT
		AR-314014AL-HT	EFXE-314014AL-HT
		AR-314018AL-HT	EFXE-314018AL-HT
		AR-314023AL-HT	EFXE-314023AL-HT
		AR-316011AL-HT	EFXE-316011AL-HT
		AR-316018AL-HT	EFXE-316018AL-HT
		AQ-606020AL-HT	EFXE-606020AL-HT

Polyester		Aluminium		Stainless steel	
AQ-080806P	EFE-080806	AQ-080806AL	EFXE-080806AL	SB-101210	EFXE-101210SB
AQ-080808P	EFE-080808	AR-081306AL	EFXE-081306AL	SB-151510	EFXE-151510SB
AR-081106P	EFE-081106	AR-081806AL	EFXE-081806AL	SB-142013	EFXE-142013SB
AR-081606P	EFE-081606	AR-081808AL	EFXE-081808AL	SB-202010	EFXE-202010SB
AR-081906P	EFE-081906	AR-082505AL	EFXE-082505AL	SB-202016	EFXE-202016SB
AQ-121209P	EFE-121209	AR-082508AL	EFXE-082508AL	SB-202713	EFXE-202713SB
AR-122209P	EFE-122209	AQ-101008AL	EFXE-101008AL	SB-272713	EFXE-272713SB
AQ-161609P	EFE-161609	AR-101508AL	EFXE-101508AL	SB-203016	EFXE-203016SB
AR-162609P	EFE-162609	AR-101608AL	EFXE-101608AL	SB-273513	EFXE-273513SB
AR-163609P	EFE-163609	AR-102008AL	EFXE-102008AL	SB-282816	EFXE-282816SB
AQ-252612P	EFE-252612	AQ-121208AL	EFXE-121208AL	SB-204016	EFXE-204016SB
AQ-252616P	EFE-252616	AR-122209AL	EFXE-122209AL	SB-353516	EFXE-353516SB
AR-254012P	EFE-254012	AQ-141409AL	EFXE-141409AL	SB-282827	EFXE-282827SB
AR-254016P	EFE-254016	AR-142009AL	EFXE-142009AL	SB-355016	EFXE-355016SB
AR-256012P	EFE-256012	AQ-161609AL	EFXE-161609AL	SB-383816	EFXE-383816SB
AQ-414012P	EFE-414012	AR-162410AL	EFXE-162410AL	SB-384516	EFXE-384516SB
		AR-162609AL	EFXE-162609AL	SB-385716	EFXE-385716SB
		AQ-181810AL	EFXE-181810AL	SB-505016	EFXE-505016SB
		AR-182810AL	EFXE-182810AL	SB-383827	EFXE-383827SB
		AR-202311AL	EFXE-202311AL	SB-575716	EFXE-575716SB
		AR-202318AL	EFXE-202318AL	SB-577620	EFXE-577620SB
		AR-232811AL	EFXE-232811AL	SB-575730	EFXE-575730SB
		AR-233312AL	EFXE-233312AL	SB-769520	EFXE-769520SB
		AR-233318AL	EFXE-233318AL	SB-1258040	EFXE-1258040SB

Enclosure types (Stainless steel)	
ST-101210	EFXE-101210ST
ST-151510	EFXE-151510ST
ST-142013	EFXE-142013ST
ST-202010	EFXE-202010ST
ST-202016	EFXE-202016ST
ST-202713	EFXE-202713ST
ST-272713	EFXE-272713ST
ST-203016	EFXE-203016ST
ST-273513	EFXE-273513ST
ST-282816	EFXE-282816ST
ST-204016	EFXE-204016ST
ST-353516	EFXE-353516ST
ST-282827	EFXE-282827ST
ST-355016	EFXE-355016ST
ST-383816	EFXE-383816ST
ST-384516	EFXE-384516ST
ST-385716	EFXE-385716ST
ST-505016	EFXE-505016ST
ST-383827	EFXE-383827ST
ST-575716	EFXE-575716ST
ST-577620	EFXE-577620ST
ST-575730	EFXE-575730ST
ST-769520	EFXE-769520ST
ST-1258040	EFXE-1258040ST

Note 2 For stainless steel enclosures: dimensions (2) and (3) can be decreased or increased up to 20%, dimensions (4) can be increased up to 500 mm. Model name changes consequently.

Power dissipation – HT glass fiber reinforced polyester resin enclosures

Enclosure types (polyester)		Maximum power dissipation (W) – Tamb. up to **40**°C							
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.127°C (T4/T135°C)
AQ-080806P-HT	EFE-080806-HT	3,5	5,2	7,0	7,8	9,6	10,4	11,3	15,2
AQ-080808P-HT	EFE-080808-HT	4,6	6,8	9,1	10,2	12,5	13,7	14,8	19,8
AR-081106P-HT	EFE-081106-HT	4,3	6,4	8,5	9,6	11,8	12,8	13,9	18,6
AR-081108P-HT	EFE-081108-HT	5,6	8,4	11,2	12,6	15,3	16,7	18,1	24,2
AR-081606P-HT	EFE-081606-HT	5,8	8,7	11,6	13,0	15,9	17,4	18,8	25.2
AR-081608P-HT	EFE-081608-HT	6,8	10,2	13,7	15,4	18,8	20,5	22,2	29,7
AR-081906P-HT	EFE-081906-HT	6,4	9,6	12,8	14,4	17,6	19,2	20,8	27,8
AR-081908P-HT	EFE-081908-HT	7,5	11,3	15,1	17,0	20,7	22,6	24,5	32,7
AR-082306P-HT	EFE-082306-HT	7,2	10,8	14,4	16,2	19,8	21,6	23,4	31,3
AR-082308P-HT	EFE-082308-HT	8,5	12,7	16,9	19,0	23,3	25,4	27,5	36,7
AQ-121209P-HT	EFE-121209-HT	8,0	12,0	15,9	17,9	21,9	23,9	25,9	34,7
AR-122209P-HT	EFE-122209-HT	10,8	16,2	21,6	24,3	29,7	32,4	35,1	47,0
AQ-161609P-HT	EFE-161609-HT	10,4	15,6	20,8	23,4	28,6	31,2	33,8	45,2
AR-162609P-HT	EFE-162609-HT	13,4	20,1	26,8	30,2	36,9	40,2	43,6	58,3
AR-163609P-HT	EFE-163609-HT	16,2	24,3	32,4	36,5	44,6	48,6	52,7	70,5
AR-165609P-HT	EFE-165609-HT	21,4	32,0	42,7	48,1	58,7	64,1	69,4	92,9
AQ-202017P-HT	EFE-202017-HT	18,0	26,9	35,9	40,4	49,4	53,9	58,4	78,1
AR-203017P-HT	EFE-203017-HT	20,9	31,3	41,7	47,0	57,4	62,6	67,8	90,8
AQ-252612P-HT	EFE-252612-HT	18,8	28,2	37,6	42,4	51,8	56,5	61,2	81,9
AQ-252616P-HT	EFE-252616-HT	20,8	31,1	41,5	46,7	57,1	62,3	67,5	90,3
AR-254012P-HT	EFE-254012-HT	22,8	34,2	45,7	51,4	62,8	68,5	74,2	99,3
AR-254016P-HT	EFE-254016-HT	26,2	39,3	52,4	58,9	72,0	78,6	85,1	113,9
AR-256012P-HT	EFE-256012-HT	29,0	43,6	58,1	65,3	79,9	87,1	94,4	126,3
AR-304020P-HT	EFE-304020-HT	32,3	48,5	64,7	72,7	88,9	97,0	105,1	140,7
AQ-363609P-HT	EFE-363609-HT	23,0	34,6	46,1	51,8	63,4	69,1	74,9	100,2
AR-406025P-HT	EFE-406025-HT	50,3	75,5	100,7	113,3	138,4	151,0	163,6	218,9
AQ-414012P-HT	EFE-414012-HT	29,1	43,7	58,2	65,5	80,1	87,3	94,6	126,6
AQ-414020P-HT	EFE-414020-HT	36,6	55,0	73,3	82,4	100,8	109,9	119,1	159,4

Enclosure types (polyester)		Maximum power dissipation (W) – Tamb. up to **50**°C							
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.127°C (T4/T135°C)
AQ-080806P-HT	EFE-080806-HT	1,7	3,5	5,2	6,1	7,8	8,7	9,6	13,4
AQ-080808P-HT	EFE-080808-HT	2,3	4,6	6,8	8,0	10,2	11,4	12,5	17,5
AR-081106P-HT	EFE-081106-HT	2,1	4,3	6,4	7,5	9,6	10,7	11,8	16,5
AR-081108P-HT	EFE-081108-HT	2,8	5,6	8,4	9,8	12,6	13,9	15,3	21.5
AR-081606P-HT	EFE-081606-HT	2,9	5,8	8,7	10,1	13,0	14,5	15,9	22,3
AR-081608P-HT	EFE-081608-HT	3,4	6,8	10,2	11,9	15,4	17,1	18,8	26,3
AR-081906P-HT	EFE-081906-HT	3,2	6,4	9,6	11,2	14,4	16,0	17,6	24,6
AR-081908P-HT	EFE-081908-HT	3,8	7,5	11,3	13,2	17,0	18,8	20,7	29,0
AR-082306P-HT	EFE-082306-HT	3,6	7,2	10,8	12,6	16,2	18,0	19,8	27,7
AR-082308P-HT	EFE-082308-HT	4,2	8,5	12,7	14,8	19,0	21,1	23,3	32,5
AQ-121209P-HT	EFE-121209-HT	4,0	8,0	12,0	14,0	17,9	19,9	21,9	30,7
AR-122209P-HT	EFE-122209-HT	5,4	10,8	16,2	18,9	24,3	27,0	29,7	41,6
AQ-161609P-HT	EFE-161609-HT	5,2	10,4	15,6	18,2	23,4	26,0	28,6	40,0
AR-162609P-HT	EFE-162609-HT	6,7	13,4	20,1	23,5	30,2	33,5	36,9	51,6
AR-163609P-HT	EFE-163609-HT	8,1	16,2	24,3	28,4	36,5	40,5	44,6	62,3
AR-165609P-HT	EFE-165609-HT	10,7	21,4	32,0	37,4	48,1	53,4	58,7	82,2
AQ-202017P-HT	EFE-202017-HT	9,0	18,0	26,9	31,4	40,4	44,9	49,4	69,1
AR-203017P-HT	EFE-203017-HT	10,4	20,9	31,3	36,5	47,0	52,2	57,4	80,4
AQ-252612P-HT	EFE-252612-HT	9,4	18,8	28,2	32,9	42,4	47,1	51,8	72,5
AQ-252616P-HT	EFE-252616-HT	10,4	20,8	31,1	36,3	46,7	51,9	57,1	79,9
AR-254012P-HT	EFE-254012-HT	11,4	22,8	34,2	39,9	51,4	57,1	62,8	87,9
AR-254016P-HT	EFE-254016-HT	13,1	26,2	39,3	45,8	58,9	65,5	72,0	100,8
AR-256012P-HT	EFE-256012-HT	14,5	29,0	43,6	50,8	65,3	72,6	79,9	111,8
AR-304020P-HT	EFE-304020-HT	16,2	32,3	48,5	56,6	72,7	80,8	88,9	124,4
AQ-363609P-HT	EFE-363609-HT	11,5	23,0	34,6	40,3	51,8	57,6	63,4	88,7
AR-406025P-HT	EFE-406025-HT	25,2	50,3	75,5	88,1	113,3	125,8	138,4	193,8
AQ-414012P-HT	EFE-414012-HT	14,6	29,1	43,7	51,0	65,5	72,8	80,1	112,1
AQ-414020P-HT	EFE-414020-HT	18,3	36,6	55,0	64,1	82,4	91,6	100,8	141,1

Enclosure types (polyester)		Maximum power dissipation (W) – Tamb. up to **55**°C							
		INTERNAL TEMP.65°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.127°C (T4/T135°C)
AQ-080806P-HT	EFE-080806-HT	1,7	2,6	4,4	5,2	7,0	7,8	8,7	12,5
AQ-080808P-HT	EFE-080808-HT	2,3	3,4	5,7	6,8	9,1	10,2	11,4	16,2
AR-081106P-HT	EFE-081106-HT	2,1	3,2	5,3	6,4	8,5	9,6	10,7	15,2
AR-081108P-HT	EFE-081108-HT	2,8	4,2	7,0	8,4	11,2	12,6	13,9	19,8
AR-081606P-HT	EFE-081606-HT	2,9	4,3	7,2	8,7	11,6	13,0	14,5	20,6
AR-081608P-HT	EFE-081608-HT	3,4	5,1	8,5	10,2	13,7	15,4	17,1	24,3
AR-081906P-HT	EFE-081906-HT	3,2	4,8	8,0	9,6	12,8	14,4	16,0	22,8
AR-081908P-HT	EFE-081908-HT	3,8	5,7	9,4	11,3	15,1	17,0	18,8	26,8
AR-082306P-HT	EFE-082306-HT	3,6	5,4	9,0	10,8	14,4	16,2	18,0	25,6
AR-082308P-HT	EFE-082308-HT	4,2	6,3	10,6	12,7	16,9	19,0	21,1	30,0
AQ-121209P-HT	EFE-121209-HT	4,0	6,0	10,0	12,0	15,9	17,9	19,9	28,3
AR-122209P-HT	EFE-122209-HT	5,4	8,1	13,5	16,2	21,6	24,3	27,0	38,3
AQ-161609P-HT	EFE-161609-HT	5,2	7,8	13,0	15,6	20,8	23,4	26,0	36,9
AR-162609P-HT	EFE-162609-HT	6,7	10,1	16,8	20,1	26,8	30,2	33,5	47,6
AR-163609P-HT	EFE-163609-HT	8,1	12,2	20,3	24,3	32,4	36,5	40,5	57,5
AR-165609P-HT	EFE-165609-HT	10,7	16,0	26,7	32,0	42,7	48,1	53,4	75,8
AQ-202017P-HT	EFE-202017-HT	9,0	13,5	22,4	26,9	35,9	40,4	44,9	63,7
AR-203017P-HT	EFE-203017-HT	10,4	15,7	26,1	31,3	41,7	47,0	52,2	74,0
AQ-252612P-HT	EFE-252612-HT	9,4	14,1	23,5	28,2	37,6	42,4	47,1	66,8
AQ-252616P-HT	EFE-252616-HT	10,4	15,6	26,0	31,1	41,5	46,7	51,9	73,7
AR-254012P-HT	EFE-254012-HT	11,4	17,1	28,5	34,2	45,7	51,4	57,1	81,0
AR-254016P-HT	EFE-254016-HT	13,1	19,6	32,7	39,3	52,4	58,9	65,5	92,9
AR-256012P-HT	EFE-256012-HT	14,5	21,8	36,3	43,6	58,1	65,3	72,6	103,0
AR-304020P-HT	EFE-304020-HT	16,2	24,2	40,4	48,5	64,7	72,7	80,8	114,7
AQ-363609P-HT	EFE-363609-HT	11,5	17,3	28,8	34,6	46,1	51,8	57,6	81,8
AR-406025P-HT	EFE-406025-HT	25,2	37,8	62,9	75,5	100,7	113,3	125,8	178,6
AQ-414012P-HT	EFE-414012-HT	14,6	21,8	36,4	43,7	58,2	65,5	72,8	103,0
AQ-414020P-HT	EFE-414020-HT	18,3	27,5	45,8	55,0	73,3	82,4	91,6	130,0

Enclosure types (polyester)		Maximum power dissipation (W) – Tamb. up to **60**°C						
		INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.127°C (T4/T135°C)
AQ-080806P-HT	EFE-080806-HT	1,7	3,5	4,4	6,1	7,0	7,8	11,7
AQ-080808P-HT	EFE-080808-HT	2,3	4,6	5,7	8,0	9,1	10,2	15,2
AR-081106P-HT	EFE-081106-HT	2,1	4,3	5,3	7,5	8,5	9,6	14,3
AR-081108P-HT	EFE-081108-HT	2,8	5,6	7,0	9,8	11,2	12,6	18,7
AR-081606P-HT	EFE-081606-HT	2,9	5,8	7,2	10,1	11,6	13,0	19,4
AR-081608P-HT	EFE-081608-HT	3,4	6,8	8,5	11,9	13,7	15,4	22,9
AR-081906P-HT	EFE-081906-HT	3,2	6,4	8,0	11,2	12,8	14,4	21,4
AR-081908P-HT	EFE-081908-HT	3,8	7,5	9,4	13,2	15,1	17,0	25,3
AR-082306P-HT	EFE-082306-HT	3,6	7,2	9,0	12,6	14,4	16,2	24,1
AR-082308P-HT	EFE-082308-HT	4,2	8,5	10,6	14,8	16,9	19,0	28,3
AQ-121209P-HT	EFE-121209-HT	4,0	8,0	10,0	14,0	15,9	17,9	26,7
AR-122209P-HT	EFE-122209-HT	5,4	10,8	13,5	18,9	21,6	24,3	36,2
AQ-161609P-HT	EFE-161609-HT	5,2	10,4	13,0	18,2	20,8	23,4	34,8
AR-162609P-HT	EFE-162609-HT	6,7	13,4	16,8	23,5	26,8	30,2	44,9
AR-163609P-HT	EFE-163609-HT	8,1	16,2	20,3	28,4	32,4	36,5	54,2
AR-165609P-HT	EFE-165609-HT	10,7	21,4	26,7	37,4	42,7	48,1	71,5
AQ-202017P-HT	EFE-202017-HT	9,0	18,0	22,4	31,4	35,9	40,4	60,1
AR-203017P-HT	EFE-203017-HT	10,4	20,9	26,1	36,5	41,7	47,0	69,9
AQ-252612P-HT	EFE-252612-HT	9,4	18,8	23,5	32,9	37,6	42,4	63,0
AQ-252616P-HT	EFE-252616-HT	10,4	20,8	26,0	36,3	41,5	46,7	69,5
AR-254012P-HT	EFE-254012-HT	11,4	22,8	28,5	39,9	45,7	51,4	76,5
AR-254016P-HT	EFE-254016-HT	13,1	26,2	32,7	45,8	52,4	58,9	87,7
AR-256012P-HT	EFE-256012-HT	14,5	29,0	36,3	50,8	58,1	65,3	97,2
AR-304020P-HT	EFE-304020-HT	16,2	32,3	40,4	56,6	64,7	72,7	108,3
AQ-363609P-HT	EFE-363609-HT	11,5	23,0	28,8	40,3	46,1	51,8	77,1
AR-406025P-HT	EFE-406025-HT	25,2	50,3	62,9	88,1	100,7	113,3	168,7
AQ-414012P-HT	EFE-414012-HT	14,6	29,1	36,4	51,0	58,2	65,5	97,5
AQ-414020P-HT	EFE-414020-HT	18,3	36,6	45,8	64,1	73,3	82,4	122,7

Enclosure types (polyester)		Maximum power dissipation (W) Tamb. up to **95**°C		
		INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.127°C (T4/T135°C)
AQ-080806P-HT	EFE-080806-HT	0,9	1,7	5,6
AQ-080808P-HT	EFE-080808-HT	1,1	2,3	7,3
AR-081106P-HT	EFE-081106-HT	1,1	2,1	6,5
AR-081108P-HT	EFE-081108-HT	1,4	2,8	9,0
AR-081606P-HT	EFE-081606-HT	1,4	2,9	9,2
AR-081608P-HT	EFE-081608-HT	1,7	3,4	10,9
AR-081906P-HT	EFE-081906-HT	1,6	3,2	10,2
AR-081908P-HT	EFE-081908-HT	1,9	3,8	12,1
AR-082306P-HT	EFE-082306-HT	1,8	3,6	11,5
AR-082308P-HT	EFE-082308-HT	2,1	4,2	13,5
AQ-121209P-HT	EFE-121209-HT	2,0	4,0	12,8
AR-122209P-HT	EFE-122209-HT	2,7	5,4	17,3
AQ-161609P-HT	EFE-161609-HT	2,6	5,2	16,6
AR-162609P-HT	EFE-162609-HT	3,4	6,7	21,5
AR-163609P-HT	EFE-163609-HT	4,1	8,1	26,0
AR-165609P-HT	EFE-165609-HT	5,3	10,7	34,2
AQ-202017P-HT	EFE-202017-HT	4,5	9,0	28,7
AR-203017P-HT	EFE-203017-HT	5,2	10,4	33,4
AQ-252612P-HT	EFE-252612-HT	4,7	9,4	30,1
AQ-252616P-HT	EFE-252616-HT	5,2	10,4	33,2
AR-254012P-HT	EFE-254012-HT	5,7	11,4	36,5
AR-254016P-HT	EFE-254016-HT	6,5	13,1	41,9
AR-256012P-HT	EFE-256012-HT	7,3	14,5	46,4
AR-304020P-HT	EFE-304020-HT	8,1	16,2	51,8
AQ-363609P-HT	EFE-363609-HT	5,8	11,5	36,8
AR-406025P-HT	EFE-406025-HT	12,6	25,2	80,6
AQ-414012P-HT	EFE-414012-HT	7,3	14,6	46,6
AQ-414020P-HT	EFE-414020-HT	9,2	18,3	58,6

Power dissipation – HT aluminium alloy enclosures

Enclosure types (aluminium)		Maximum power dissipation (W) – Tamb. up to **40**°C							
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.130°C (T4/T135°C)
AQ-080806AL-HT	EFXE-080806AL-HT	5,2	7,8	10,4	11,7	14,3	15,6	16,9	23,4
AR-081306AL-HT	EFXE-081306AL-HT	7,0	10,6	14,1	15,9	19,4	21,2	23,0	31,8
AR-081806AL-HT	EFXE-081806AL-HT	8,9	13,3	17,8	20,0	24,5	26,7	28,9	40,0
AR-082505AL-HT	EFXE-082505AL-HT	10,9	16,4	21,9	24,7	30,1	32,9	35,6	49,4
AQ-101008AL-HT	EFXE-101008AL-HT	8,7	13,0	17,4	19,6	23,9	26,1	28,3	39,2
AR-101608AL-HT	EFXE-101608AL-HT	11,5	17,3	23,1	26,0	31,8	34,7	37,6	52,0
AR-102008AL-HT	EFXE-102008AL-HT	13,4	20,1	26,8	30,2	36,9	40,3	43,6	60,4
AQ-121208AL-HT	EFXE-121208AL-HT	10,8	16,2	21,6	24,3	29,7	32,4	35,1	48,6
AQ-121209AL-HT	EFXE-121209AL-HT	11,6	17,5	23,3	26,2	32,1	35,0	37,9	52,5
AR-122208AL-HT	EFXE-122208AL-HT	15,6	23,5	31,3	35,3	43,1	47,0	50,9	70,6
AR-122209AL-HT	EFXE-122209AL-HT	16,8	25,3	33,7	37,9	46,3	50,6	54,8	75,9
AR-123608AL-HT	EFXE-123608AL-HT	22,3	33,5	44,7	50,3	61,5	67,1	72,7	100,7
AQ-141409AL-HT	EFXE-141409AL-HT	13,7	20,6	27,5	31,0	37,9	41,3	44,8	62,0
AR-142009AL-HT	EFXE-142009AL-HT	17,1	25,7	34,2	38,5	47,1	51,4	55,7	77,1
AQ-161609AL-HT	EFXE-161609AL-HT	16,1	24,1	32,2	36,2	44,2	48,3	52,3	72,4
AR-162609AL-HT	EFXE-162609AL-HT	21,9	32,8	43,8	49,3	60,2	65,7	71,2	98,6
AR-163609AL-HT	EFXE-163609AL-HT	27,5	41,3	55,1	62,0	75,7	82,6	89,5	124,0
AR-165609AL-HT	EFXE-165609AL-HT	38,4	57,7	76,9	86,6	105,8	115,4	125,0	173,2
AQ-181810AL-HT	EFXE-181810AL-HT	19,7	29,6	39,5	44,4	54,3	59,2	64,2	88,8
AR-182810AL-HT	EFXE-182810AL-HT	26,1	39,1	52,2	58,7	71,8	78,3	84,8	117,5
AR-102311AL-HT	EFXE-102311AL-HT	18,2	27,3	36,5	41,0	50,1	54,7	59,3	82,1
AR-202311AL-HT	EFXE-202311AL-HT	26,1	39,1	52,2	58,7	71,7	78,3	84,8	117,4
AR-202318AL-HT	EFXE-202318AL-HT	35,9	53,9	71,8	80,8	98,8	107,8	116,8	161,7
AR-232811AL-HT	EFXE-232811AL-HT	31,6	47,5	63,3	71,3	87,1	95,0	103,0	142,6
AR-233311AL-HT	EFXE-233311AL-HT	35,3	52,9	70,6	79,4	97,0	105,9	114,7	158,8
AR-233318AL-HT	EFXE-233318AL-HT	47,5	71,3	95,1	107,0	130,8	142,7	154,6	214,1
AR-234011AL-HT	EFXE-234011AL-HT	40,2	60,4	80,5	90,6	110,7	120,8	130,9	181,2
AR-234023AL-HT	EFXE-234023AL-HT	62,2	93,3	124,5	140,0	171,2	186,7	202,3	280,1
AR-236011AL-HT	EFXE-236011AL-HT	54,1	81,2	108,3	121,9	148,9	162,5	176,0	243,8
AR-314011AL-HT	EFXE-314011AL-HT	48,6	72,9	97,2	109,3	133,6	145,8	157,9	218,7
AR-314014AL-HT	EFXE-314014AL-HT	54,9	82,4	109,9	123,7	151,2	164,9	178,7	247,4
AR-314018AL-HT	EFXE-314018AL-HT	63,8	95,7	127,6	143,5	175,4	191,4	207,3	287,1
AR-314023AL-HT	EFXE-314023AL-HT	73,5	110,3	147,1	165,5	202,3	220,7	239,1	331,0
AR-316011AL-HT	EFXE-316011AL-HT	64,0	96,0	128,1	144,1	176,1	192,1	208,1	288,2
AR-316018AL-HT	EFXE-316018AL-HT	82,7	124,1	165,5	186,2	227,6	248,3	268,9	372,4
AQ-606020AL-HT	EFXE-606020AL-HT	129,1	193,7	258,3	290,5	355,1	387,4	419,7	581,1

Enclosure types (aluminium)		Maximum power dissipation (W) – Tamb. up to **50**°C							
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.130°C (T4/T135°C)
AQ-080806AL-HT	EFXE-080806AL-HT	2,6	5,2	7,8	9,1	11,7	13,0	14,3	20,8
AR-081306AL-HT	EFXE-081306AL-HT	3,5	7,0	10,6	12,3	15,9	17,7	19,4	28,3
AR-081806AL-HT	EFXE-081806AL-HT	4,4	8,9	13,3	15,5	20,0	22,2	24,5	35,6
AR-082505AL-HT	EFXE-082505AL-HT	5,4	10,9	16,4	19,2	24,7	27,4	30,1	43,9
AQ-101008AL-HT	EFXE-101008AL-HT	4,3	8,7	13,0	15,2	19,6	21,7	23,9	34,8
AR-101608AL-HT	EFXE-101608AL-HT	5,7	11,5	17,3	20,2	26,0	28,9	31,8	46,2
AR-102008AL-HT	EFXE-102008AL-HT	6,7	13,4	20,1	23,5	30,2	33,5	36,9	53,7
AQ-121208AL-HT	EFXE-121208AL-HT	5,4	10,8	16,2	18,9	24,3	27,0	29,7	43,2
AQ-121209AL-HT	EFXE-121209AL-HT	5,8	11,6	17,5	20,4	26,2	29,2	32,1	46,7
AR-122208AL-HT	EFXE-122208AL-HT	7,8	15,6	23,5	27,4	35,3	39,2	43,1	62,7
AR-122209AL-HT	EFXE-122209AL-HT	8,4	16,8	25,3	29,5	37,9	42,1	46,3	67,4
AR-123608AL-HT	EFXE-123608AL-HT	11,1	22,3	33,5	39,1	50,3	55,9	61,5	89,5
AQ-141409AL-HT	EFXE-141409AL-HT	6,8	13,7	20,6	24,1	31,0	34,4	37,9	55,1
AR-142009AL-HT	EFXE-142009AL-HT	8,5	17,1	25,7	30,0	38,5	42,8	47,1	68,5
AQ-161609AL-HT	EFXE-161609AL-HT	8,0	16,1	24,1	28,1	36,2	40,2	44,2	64,4
AR-162609AL-HT	EFXE-162609AL-HT	10,9	21,9	32,8	38,3	49,3	54,8	60,2	87,6
AR-163609AL-HT	EFXE-163609AL-HT	13,7	27,5	41,3	48,2	62,0	68,9	75,7	110,2
AR-165609AL-HT	EFXE-165609AL-HT	19,2	38,4	57,7	67,3	86,6	96,2	105,8	153,9
AQ-181810AL-HT	EFXE-181810AL-HT	9,8	19,7	29,6	34,5	44,4	49,3	54,3	79,0
AR-182810AL-HT	EFXE-182810AL-HT	13,0	26,1	39,1	45,7	58,7	65,2	71,8	104,4
AR-102311AL-HT	EFXE-102311AL-HT	9,1	18,2	27,3	31,9	41,0	45,6	50,1	73,0
AR-202311AL-HT	EFXE-202311AL-HT	13,0	26,1	39,1	45,6	58,7	65,2	71,7	104,4
AR-202318AL-HT	EFXE-202318AL-HT	17,9	35,9	53,9	62,8	80,8	89,8	98,8	143,7
AR-232811AL-HT	EFXE-232811AL-HT	15,8	31,6	47,5	55,4	71,3	79,2	87,1	126,7
AR-233311AL-HT	EFXE-233311AL-HT	17,6	35,3	52,9	61,7	79,4	88,2	97,0	141,2
AR-233318AL-HT	EFXE-233318AL-HT	23,7	47,5	71,3	83,2	107,0	118,9	130,8	190,3
AR-234011AL-HT	EFXE-234011AL-HT	20,1	40,2	60,4	70,5	90,6	100,7	110,7	161,1
AR-234023AL-HT	EFXE-234023AL-HT	31,1	62,2	93,3	108,9	140,0	155,6	171,2	249,0
AR-236011AL-HT	EFXE-236011AL-HT	27,0	54,1	81,2	94,8	121,9	135,4	148,9	216,7
AR-314011AL-HT	EFXE-314011AL-HT	24,3	48,6	72,9	85,0	109,3	121,5	133,6	194,4
AR-314014AL-HT	EFXE-314014AL-HT	27,4	54,9	82,4	96,2	123,7	137,4	151,2	219,9
AR-314018AL-HT	EFXE-314018AL-HT	31,9	63,8	95,7	111,6	143,5	159,5	175,4	255,2
AR-314023AL-HT	EFXE-314023AL-HT	36,7	73,5	110,3	128,7	165,5	183,9	202,3	294,2
AR-316011AL-HT	EFXE-316011AL-HT	32,0	64,0	96,0	112,0	144,1	160,1	176,1	256,2
AR-316018AL-HT	EFXE-316018AL-HT	41,3	82,7	124,1	144,8	186,2	206,9	227,6	331,0
AQ-606020AL-HT	EFXE-606020AL-HT	64,5	129,1	193,7	226,0	290,5	322,8	355,1	516,6

Enclosure types (aluminium)		Maximum power dissipation (W) – Tamb. up to **55**°C							
		INTERNAL TEMP.65°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.130°C (T4/T135°C)
AQ-080806AL-HT	EFXE-080806AL-HT	2,6	3,9	6,5	7,8	10,4	11,7	13,0	19,5
AR-081306AL-HT	EFXE-081306AL-HT	3,5	5,3	8,8	10,6	14,1	15,9	17,7	26,5
AR-081806AL-HT	EFXE-081806AL-HT	4,4	6,6	11,1	13,3	17,8	20,0	22,2	33,4
AR-082505AL-HT	EFXE-082505AL-HT	5,4	8,2	13,7	16,4	21,9	24,7	27,4	41,1
AQ-101008AL-HT	EFXE-101008AL-HT	4,3	6,5	10,8	13,0	17,4	19,6	21,7	32,6
AR-101608AL-HT	EFXE-101608AL-HT	5,7	8,6	14,4	17,3	23,1	26,0	28,9	43,3
AR-102008AL-HT	EFXE-102008AL-HT	6,7	10,0	16,7	20,1	26,8	30,2	33,5	50,3
AQ-121208AL-HT	EFXE-121208AL-HT	5,4	8,1	13,5	16,2	21,6	24,3	27,0	40,5
AQ-121209AL-HT	EFXE-121209AL-HT	5,8	8,7	14,6	17,5	23,3	26,2	29,2	43,8
AR-122208AL-HT	EFXE-122208AL-HT	7,8	11,7	19,6	23,5	31,3	35,3	39,2	58,8
AR-122209AL-HT	EFXE-122209AL-HT	8,4	12,6	21,0	25,3	33,7	37,9	42,1	63,2
AR-123608AL-HT	EFXE-123608AL-HT	11,1	16,7	27,9	33,5	44,7	50,3	55,9	83,9
AQ-141409AL-HT	EFXE-141409AL-HT	6,8	10,3	17,2	20,6	27,5	31,0	34,4	51,7
AR-142009AL-HT	EFXE-142009AL-HT	8,5	12,8	21,4	25,7	34,2	38,5	42,8	64,3
AQ-161609AL-HT	EFXE-161609AL-HT	8,0	12,0	20,1	24,1	32,2	36,2	40,2	60,4
AR-162609AL-HT	EFXE-162609AL-HT	10,9	16,4	27,4	32,8	43,8	49,3	54,8	82,2
AR-163609AL-HT	EFXE-163609AL-HT	13,7	20,6	34,4	41,3	55,1	62,0	68,9	103,3
AR-165609AL-HT	EFXE-165609AL-HT	19,2	28,8	48,1	57,7	76,9	86,6	96,2	144,3
AQ-181810AL-HT	EFXE-181810AL-HT	9,8	14,8	24,6	29,6	39,5	44,4	49,3	74,0
AR-182810AL-HT	EFXE-182810AL-HT	13,0	19,5	32,6	39,1	52,2	58,7	65,2	97,9
AR-102311AL-HT	EFXE-102311AL-HT	9,1	13,6	22,8	27,3	36,5	41,0	45,6	68,4
AR-202311AL-HT	EFXE-202311AL-HT	13,0	19,5	32,6	39,1	52,2	58,7	65,2	97,9
AR-202318AL-HT	EFXE-202318AL-HT	17,9	26,9	44,9	53,9	71,8	80,8	89,8	134,7
AR-232811AL-HT	EFXE-232811AL-HT	15,8	23,7	39,6	47,5	63,3	71,3	79,2	118,8
AR-233311AL-HT	EFXE-233311AL-HT	17,6	26,4	44,1	52,9	70,6	79,4	88,2	132,3
AR-233318AL-HT	EFXE-233318AL-HT	23,7	35,6	59,4	71,3	95,1	107,0	118,9	178,4
AR-234011AL-HT	EFXE-234011AL-HT	20,1	30,2	50,3	60,4	80,5	90,6	100,7	151,0
AR-234023AL-HT	EFXE-234023AL-HT	31,1	46,6	77,8	93,3	124,5	140,0	155,6	233,4
AR-236011AL-HT	EFXE-236011AL-HT	27,0	40,6	67,7	81,2	108,3	121,9	135,4	203,1
AR-314011AL-HT	EFXE-314011AL-HT	24,3	36,4	60,7	72,9	97,2	109,3	121,5	182,3
AR-314014AL-HT	EFXE-314014AL-HT	27,4	41,2	68,7	82,4	109,9	123,7	137,4	206,2
AR-314018AL-HT	EFXE-314018AL-HT	31,9	47,8	79,7	95,7	127,6	143,5	159,5	239,2
AR-314023AL-HT	EFXE-314023AL-HT	36,7	55,1	91,9	110,3	147,1	165,5	183,9	275,8
AR-316011AL-HT	EFXE-316011AL-HT	32,0	48,0	80,0	96,0	128,1	144,1	160,1	240,1
AR-316018AL-HT	EFXE-316018AL-HT	41,3	62,0	103,4	124,1	165,5	186,2	206,9	310,3
AQ-606020AL-HT	EFXE-606020AL-HT	64,5	96,8	161,4	193,7	258,3	290,5	322,8	484,3

Enclosure types (aluminium)		Maximum power dissipation (W) – Tamb. up to **60**°C						
		INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.130°C (T4/T135°C)
AQ-080806AL-HT	EFXE-080806AL-HT	2,6	5,2	6,5	9,1	10,4	11,7	18,2
AR-081306AL-HT	EFXE-081306AL-HT	3,5	7,0	8,8	12,3	14,1	15,9	24,7
AR-081806AL-HT	EFXE-081806AL-HT	4,4	8,9	11,1	15,5	17,8	20,0	31,1
AR-082505AL-HT	EFXE-082505AL-HT	5,4	10,9	13,7	19,2	21,9	24,7	38,4
AQ-101008AL-HT	EFXE-101008AL-HT	4,3	8,7	10,8	15,2	17,4	19,6	30,4
AR-101608AL-HT	EFXE-101608AL-HT	5,7	11,5	14,4	20,2	23,1	26,0	40,5
AR-102008AL-HT	EFXE-102008AL-HT	6,7	13,4	16,7	23,5	26,8	30,2	47,0
AQ-121208AL-HT	EFXE-121208AL-HT	5,4	10,8	13,5	18,9	21,6	24,3	37,8
AQ-121209AL-HT	EFXE-121209AL-HT	5,8	11,6	14,6	20,4	23,3	26,2	40,8
AR-122208AL-HT	EFXE-122208AL-HT	7,8	15,6	19,6	27,4	31,3	35,3	54,9
AR-122209AL-HT	EFXE-122209AL-HT	8,4	16,8	21,0	29,5	33,7	37,9	59,0
AR-123608AL-HT	EFXE-123608AL-HT	11,1	22,3	27,9	39,1	44,7	50,3	78,3
AQ-141409AL-HT	EFXE-141409AL-HT	6,8	13,7	17,2	24,1	27,5	31,0	48,2
AR-142009AL-HT	EFXE-142009AL-HT	8,5	17,1	21,4	30,0	34,2	38,5	60,0
AQ-161609AL-HT	EFXE-161609AL-HT	8,0	16,1	20,1	28,1	32,2	36,2	56,3
AR-162609AL-HT	EFXE-162609AL-HT	10,9	21,9	27,4	38,3	43,8	49,3	76,7
AR-163609AL-HT	EFXE-163609AL-HT	13,7	27,5	34,4	48,2	55,1	62,0	96,4
AR-165609AL-HT	EFXE-165609AL-HT	19,2	38,4	48,1	67,3	76,9	86,6	134,7
AQ-181810AL-HT	EFXE-181810AL-HT	9,8	19,7	24,6	34,5	39,5	44,4	69,1
AR-182810AL-HT	EFXE-182810AL-HT	13,0	26,1	32,6	45,7	52,2	58,7	91,4
AR-102311AL-HT	EFXE-102311AL-HT	9,1	18,2	22,8	31,9	36,5	41,0	63,8
AR-202311AL-HT	EFXE-202311AL-HT	13,0	26,1	32,6	45,6	52,2	58,7	91,3
AR-202318AL-HT	EFXE-202318AL-HT	17,9	35,9	44,9	62,8	71,8	80,8	125,7
AR-232811AL-HT	EFXE-232811AL-HT	15,8	31,6	39,6	55,4	63,3	71,3	110,9
AR-233311AL-HT	EFXE-233311AL-HT	17,6	35,3	44,1	61,7	70,6	79,4	123,5
AR-233318AL-HT	EFXE-233318AL-HT	23,7	47,5	59,4	83,2	95,1	107,0	166,5
AR-234011AL-HT	EFXE-234011AL-HT	20,1	40,2	50,3	70,5	80,5	90,6	141,0
AR-234023AL-HT	EFXE-234023AL-HT	31,1	62,2	77,8	108,9	124,5	140,0	217,9
AR-236011AL-HT	EFXE-236011AL-HT	27,0	54,1	67,7	94,8	108,3	121,9	189,6
AR-314011AL-HT	EFXE-314011AL-HT	24,3	48,6	60,7	85,0	97,2	109,3	170,1
AR-314014AL-HT	EFXE-314014AL-HT	27,4	54,9	68,7	96,2	109,9	123,7	192,4
AR-314018AL-HT	EFXE-314018AL-HT	31,9	63,8	79,7	111,6	127,6	143,5	223,3
AR-314023AL-HT	EFXE-314023AL-HT	36,7	73,5	91,9	128,7	147,1	165,5	257,4
AR-316011AL-HT	EFXE-316011AL-HT	32,0	64,0	80,0	112,0	128,1	144,1	224,1
AR-316018AL-HT	EFXE-316018AL-HT	41,3	82,7	103,4	144,8	165,5	186,2	289,6
AQ-606020AL-HT	EFXE-606020AL-HT	64,5	129,1	161,4	226,0	258,3	290,5	452,0

Enclosure types (aluminium)		Maximum power dissipation (W) Tamb. up to **95**°C		
		INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)	INTERNAL TEMP.130°C (T4/T135°C)
AQ-080806AL-HT	EFXE-080806AL-HT	1,3	2,6	9,1
AR-081306AL-HT	EFXE-081306AL-HT	1,7	3,5	12,3
AR-081806AL-HT	EFXE-081806AL-HT	2,2	4,4	15,5
AR-082505AL-HT	EFXE-082505AL-HT	2,7	5,4	19,2
AQ-101008AL-HT	EFXE-101008AL-HT	2,1	4,3	15,2
AR-101608AL-HT	EFXE-101608AL-HT	2,8	5,7	20,2
AR-102008AL-HT	EFXE-102008AL-HT	3,3	6,7	23,5
AQ-121208AL-HT	EFXE-121208AL-HT	2,7	5,4	18,9
AQ-121209AL-HT	EFXE-121209AL-HT	2,9	5,8	20,4
AR-122208AL-HT	EFXE-122208AL-HT	3,9	7,8	27,4
AR-122209AL-HT	EFXE-122209AL-HT	4,2	8,4	29,5
AR-123608AL-HT	EFXE-123608AL-HT	5,5	11,1	39,1
AQ-141409AL-HT	EFXE-141409AL-HT	3,4	6,8	24,1
AR-142009AL-HT	EFXE-142009AL-HT	4,2	8,5	30,0
AQ-161609AL-HT	EFXE-161609AL-HT	4,0	8,0	28,1
AR-162609AL-HT	EFXE-162609AL-HT	5,4	10,9	38,3
AR-163609AL-HT	EFXE-163609AL-HT	6,8	13,7	48,2
AR-165609AL-HT	EFXE-165609AL-HT	9,6	19,2	67,3
AQ-181810AL-HT	EFXE-181810AL-HT	4,9	9,8	34,5
AR-182810AL-HT	EFXE-182810AL-HT	6,5	13,0	45,7
AR-102311AL-HT	EFXE-102311AL-HT	4,5	9,1	31,9
AR-202311AL-HT	EFXE-202311AL-HT	6,5	13,0	45,6
AR-202318AL-HT	EFXE-202318AL-HT	8,9	17,9	62,8
AR-232811AL-HT	EFXE-232811AL-HT	7,9	15,8	55,4
AR-233311AL-HT	EFXE-233311AL-HT	8,8	17,6	61,7
AR-233318AL-HT	EFXE-233318AL-HT	11,8	23,7	83,2
AR-234011AL-HT	EFXE-234011AL-HT	10,0	20,1	70,5
AR-234023AL-HT	EFXE-234023AL-HT	15,5	31,1	108,9
AR-236011AL-HT	EFXE-236011AL-HT	13,5	27,0	94,8
AR-314011AL-HT	EFXE-314011AL-HT	12,1	24,3	85,0
AR-314014AL-HT	EFXE-314014AL-HT	13,7	27,4	96,2
AR-314018AL-HT	EFXE-314018AL-HT	15,9	31,9	111,6
AR-314023AL-HT	EFXE-314023AL-HT	18,3	36,7	128,7
AR-316011AL-HT	EFXE-316011AL-HT	16,0	32,0	112,0
AR-316018AL-HT	EFXE-316018AL-HT	20,6	41,3	144,8
AQ-606020AL-HT	EFXE-606020AL-HT	32,2	64,5	226,0

Power dissipation – Glass fiber reinforced polyester resin enclosures

Enclosure types (polyester)		Maximum power dissipation (W) – Tamb. up to **40**°C						
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806P	EFE-080806	3,4	5,2	6,9	7,8	9,5	10,4	11,3
AQ-080808P	EFE-080808	4,5	6,8	9,1	10,2	12,5	13,6	14,7
AR-081106P	EFE-081106	4,2	6,4	8,5	9,6	11,7	12,8	13,8
AR-081606P	EFE-081606	5,7	8,6	11,5	13,0	15,9	17,3	18,8
AR-081906P	EFE-081906	6,4	9,6	12,8	14,4	17,6	19,2	20,8
AQ-121209P	EFE-121209	7,9	11,9	15,9	17,9	21,9	23,9	25,9
AR-122209P	EFE-122209	10,8	16,2	21,6	24,3	29,7	32,4	35,1
AQ-161609P	EFE-161609	10,3	15,5	20,7	23,3	28,5	31,1	33,7
AR-162609P	EFE-162609	13,4	20,1	26,8	30,1	36,8	40,2	43,5
AR-163609P	EFE-163609	16,2	24,3	32,4	36,4	44,5	48,6	52,6
AQ-252612P	EFE-252612	18,8	28,2	37,6	42,3	51,7	56,4	61,1
AQ-252616P	EFE-252616	21,7	32,6	43,5	49,0	59,9	65,3	70,8
AR-254012P	EFE-254012	23,9	35,9	47,9	53,9	65,9	71,8	77,8
AR-254016P	EFE-254016	27,4	41,2	54,9	61,8	75,6	82,4	89,3
AR-256012P	EFE-256012	29,0	43,5	58,0	65,3	79,8	87,1	94,3
AQ-414012P	EFE-414012	29,1	43,6	58,2	65,5	80,0	87,3	94,6
AQ-414016P	EFE-414016	32,9	49,4	65,9	74,1	90,6	98,8	107,0

Enclosure types (polyester)		Maximum power dissipation (W) – Tamb. up to **50**°C						
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806P	EFE-080806	1,7	3,4	5,2	6,0	7,8	8,7	9,5
AQ-080808P	EFE-080808	2,2	4,5	6,8	7,9	10,2	11,3	12,5
AR-081106P	EFE-081106	2,1	4,2	6,4	7,4	9,6	10,6	11,7
AR-081606P	EFE-081606	2,8	5,7	8,6	10,1	13,0	14,4	15,9
AR-081906P	EFE-081906	3,2	6,4	9,6	11,2	14,4	16,0	17,6
AQ-121209P	EFE-121209	3,9	7,9	11,9	13,9	17,9	19,9	21,9
AR-122209P	EFE-122209	5,4	10,8	16,2	18,9	24,3	27,0	29,7
AQ-161609P	EFE-161609	5,1	10,3	15,5	18,1	23,3	25,9	28,5
AR-162609P	EFE-162609	6,7	13,4	20,1	23,4	30,1	33,5	36,8
AR-163609P	EFE-163609	8,1	16,2	24,3	28,3	36,4	40,5	44,5
AQ-252612P	EFE-252612	9,4	18,8	28,2	32,9	42,3	47,0	51,7
AQ-252616P	EFE-252616	10,8	21,7	32,6	38,1	49,0	54,4	59,9
AR-254012P	EFE-254012	11,9	23,9	35,9	41,9	53,9	59,9	65,9
AR-254016P	EFE-254016	13,7	27,4	41,2	48,1	61,8	68,7	75,6
AR-256012P	EFE-256012	14,5	29,0	43,5	50,8	65,3	72,6	79,8
AQ-414012P	EFE-414012	14,5	29,1	43,6	50,9	65,5	72,7	80,0
AQ-414016P	EFE-414016	16,4	32,9	49,4	57,6	74,1	82,3	90,6

Enclosure types (polyester)		Maximum power dissipation (W) – Tamb. up to **55**°C						
		INTERNAL TEMP.65°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806P	EFE-080806	1,7	2,6	4,3	5,2	6,9	7,8	8,7
AQ-080808P	EFE-080808	2,2	3,4	5,6	6,8	9,1	10,2	11,3
AR-081106P	EFE-081106	2,1	3,2	5,3	6,4	8,5	9,6	10,6
AR-081606P	EFE-081606	2,8	4,3	7,2	8,6	11,5	13,0	14,4
AR-081906P	EFE-081906	3,2	4,8	8,0	9,6	12,8	14,4	16,0
AQ-121209P	EFE-121209	3,9	5,9	9,9	11,9	15,9	17,9	19,9
AR-122209P	EFE-122209	5,4	8,1	13,5	16,2	21,6	24,3	27,0
AQ-161609P	EFE-161609	5,1	7,7	12,9	15,5	20,7	23,3	25,9
AR-162609P	EFE-162609	6,7	10,0	16,7	20,1	26,8	30,1	33,5
AR-163609P	EFE-163609	8,1	12,1	20,2	24,3	32,4	36,4	40,5
AQ-252612P	EFE-252612	9,4	14,1	23,5	28,2	37,6	42,3	47,0
AQ-252616P	EFE-252616	10,8	16,3	27,2	32,6	43,5	49,0	54,4
AR-254012P	EFE-254012	11,9	17,9	29,9	35,9	47,9	53,9	59,9
AR-254016P	EFE-254016	13,7	20,6	34,3	41,2	54,9	61,8	68,7
AR-256012P	EFE-256012	14,5	21,7	36,3	43,5	58,0	65,3	72,6
AQ-414012P	EFE-414012	14,5	21,8	36,3	43,6	58,2	65,5	72,7
AQ-414016P	EFE-414016	16,4	24,7	41,1	49,4	65,9	74,1	82,3

Enclosure types (polyester)		Maximum power dissipation (W) – Tamb. up to **60**°C					
		INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806P	EFE-080806	1,7	3,4	4,3	6,0	6,9	7,8
AQ-080808P	EFE-080808	2,2	4,5	5,6	7,9	9,1	10,2
AR-081106P	EFE-081106	2,1	4,2	5,3	7,4	8,5	9,6
AR-081606P	EFE-081606	2,8	5,7	7,2	10,1	11,5	13,0
AR-081906P	EFE-081906	3,2	6,4	8,0	11,2	12,8	14,4
AQ-121209P	EFE-121209	3,9	7,9	9,9	13,9	15,9	17,9
AR-122209P	EFE-122209	5,4	10,8	13,5	18,9	21,6	24,3
AQ-161609P	EFE-161609	5,1	10,3	12,9	18,1	20,7	23,3
AR-162609P	EFE-162609	6,7	13,4	16,7	23,4	26,8	30,1
AR-163609P	EFE-163609	8,1	16,2	20,2	28,3	32,4	36,4
AQ-252612P	EFE-252612	9,4	18,8	23,5	32,9	37,6	42,3
AQ-252616P	EFE-252616	10,8	21,7	27,2	38,1	43,5	49,0
AR-254012P	EFE-254012	11,9	23,9	29,9	41,9	47,9	53,9
AR-254016P	EFE-254016	13,7	27,4	34,3	48,1	54,9	61,8
AR-256012P	EFE-256012	14,5	29,0	36,3	50,8	58,0	65,3
AQ-414012P	EFE-414012	14,5	29,1	36,3	50,9	58,2	65,5
AQ-414016P	EFE-414016	16,4	32,9	41,1	57,6	65,9	74,1

Enclosure types (polyester)		Maximum power dissipation (W) – Tamb. up to **95**°C	
		INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806P	EFE-080806	0,8	1,7
AQ-080808P	EFE-080808	1,1	2,2
AR-081106P	EFE-081106	1,0	2,1
AR-081606P	EFE-081606	1,4	2,8
AR-081906P	EFE-081906	1,6	3,2
AQ-121209P	EFE-121209	1,9	3,9
AR-122209P	EFE-122209	2,7	5,4
AQ-161609P	EFE-161609	2,5	5,1
AR-162609P	EFE-162609	3,3	6,7
AR-163609P	EFE-163609	4,0	8,1
AQ-252612P	EFE-252612	4,7	9,4
AQ-252616P	EFE-252616	5,4	10,8
AR-254012P	EFE-254012	5,9	11,9
AR-254016P	EFE-254016	6,8	13,7
AR-256012P	EFE-256012	7,2	14,5
AQ-414012P	EFE-414012	7,2	14,5
AQ-414016P	EFE-414016	8,2	16,4

Power dissipation – Aluminium alloy enclosures

Enclosure types (aluminium)		Maximum power dissipation (W) – Tamb. up to **40**°C						
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806AL	EFXE-080806AL	5,2	7,8	10,4	11,7	14,3	15,6	16,9
AR-081306AL	EFXE-081306AL	7,0	10,6	14,1	15,9	19,4	21,2	23,0
AR-081806AL	EFXE-081806AL	8,9	13,3	17,8	20,0	24,5	26,7	28,9
AR-081808AL	EFXE-081808AL	11,0	16,5	22,1	24,8	30,4	33,1	35,9
AR-082505AL	EFXE-082505AL	10,7	16,1	21,4	24,1	29,5	32,2	34,8
AR-082508AL	EFXE-082508AL	14,2	21,4	28,5	32,1	39,2	42,8	46,4
AQ-101008AL	EFXE-101008AL	8,7	13,0	17,4	19,6	23,9	26,1	28,3
AR-101508AL	EFXE-101508AL	11,1	16,6	22,2	24,9	30,5	33,3	36,0
AR-101608AL	EFXE-101608AL	11,5	17,3	23,1	26,0	31,8	34,7	37,6
AR-102008AL	EFXE-102008AL	13,4	20,1	26,8	30,2	36,9	40,3	43,6
AQ-121208AL	EFXE-121208AL	10,8	16,2	21,6	24,3	29,7	32,4	35,1
AR-122209AL	EFXE-122209AL	16,8	25,3	33,7	37,9	46,3	50,6	54,8
AQ-141409AL	EFXE-141409AL	13,7	20,6	27,5	31,0	37,9	41,3	44,8
AR-142009AL	EFXE-142009AL	17,1	25,7	34,2	38,5	47,1	51,4	55,7
AQ-161609AL	EFXE-161609AL	17,2	25,8	34,4	38,7	47,3	51,6	55,9
AR-162410AL	EFXE-162410AL	22,1	33,1	44,2	49,7	60,8	66,3	71,8
AR-162609AL	EFXE-162609AL	21,9	32,8	43,8	49,3	60,2	65,7	71,2
AQ-181810AL	EFXE-181810AL	19,7	29,6	39,5	44,4	54,3	59,2	64,2
AR-182810AL	EFXE-182810AL	26,1	39,1	52,2	58,7	71,8	78,3	84,8
AR-202311AL	EFXE-202311AL	25,8	38,7	51,6	58,0	71,0	77,4	83,9
AR-202318AL	EFXE-202318AL	35,5	53,3	71,1	80,0	97,8	106,7	115,6
AR-232811AL	EFXE-232811AL	31,6	47,5	63,3	71,3	87,1	95,0	103,0
AR-233312AL	EFXE-233312AL	37,0	55,6	74,1	83,4	101,9	111,2	120,5
AR-233318AL	EFXE-233318AL	47,5	71,3	95,1	107,0	130,8	142,7	154,6

Enclosure types (aluminium)		Maximum power dissipation (W) – Tamb. up to **50**°C						
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806AL	EFXE-080806AL	2,6	5,2	7,8	9,1	11,7	13,0	14,3
AR-081306AL	EFXE-081306AL	3,5	7,0	10,6	12,3	15,9	17,7	19,4
AR-081806AL	EFXE-081806AL	4,4	8,9	13,3	15,5	20,0	22,2	24,5
AR-081808AL	EFXE-081808AL	5,5	11,0	16,5	19,3	24,8	27,6	30,4
AR-082505AL	EFXE-082505AL	5,3	10,7	16,1	18,7	24,1	26,8	29,5
AR-082508AL	EFXE-082508AL	7,1	14,2	21,4	24,9	32,1	35,7	39,2
AQ-101008AL	EFXE-101008AL	4,3	8,7	13,0	15,2	19,6	21,7	23,9
AR-101508AL	EFXE-101508AL	5,5	11,1	16,6	19,4	24,9	27,7	30,5
AR-101608AL	EFXE-101608AL	5,7	11,5	17,3	20,2	26,0	28,9	31,8
AR-102008AL	EFXE-102008AL	6,7	13,4	20,1	23,5	30,2	33,5	36,9
AQ-121208AL	EFXE-121208AL	5,4	10,8	16,2	18,9	24,3	27,0	29,7
AR-122209AL	EFXE-122209AL	8,4	16,8	25,3	29,5	37,9	42,1	46,3
AQ-141409AL	EFXE-141409AL	6,8	13,7	20,6	24,1	31,0	34,4	37,9
AR-142009AL	EFXE-142009AL	8,5	17,1	25,7	30,0	38,5	42,8	47,1
AQ-161609AL	EFXE-161609AL	8,6	17,2	25,8	30,1	38,7	43,0	47,3
AR-162410AL	EFXE-162410AL	11,0	22,1	33,1	38,7	49,7	55,3	60,8
AR-162609AL	EFXE-162609AL	10,9	21,9	32,8	38,3	49,3	54,8	60,2
AQ-181810AL	EFXE-181810AL	9,8	19,7	29,6	34,5	44,4	49,3	54,3
AR-182810AL	EFXE-182810AL	13,0	26,1	39,1	45,7	58,7	65,2	71,8
AR-202311AL	EFXE-202311AL	12,9	25,8	38,7	45,1	58,0	64,5	71,0
AR-202318AL	EFXE-202318AL	17,7	35,5	53,3	62,2	80,0	88,9	97,8
AR-232811AL	EFXE-232811AL	15,8	31,6	47,5	55,4	71,3	79,2	87,1
AR-233312AL	EFXE-233312AL	18,5	37,0	55,6	64,8	83,4	92,7	101,9
AR-233318AL	EFXE-233318AL	23,7	47,5	71,3	83,2	107,0	118,9	130,8

Enclosure types (aluminium)		Maximum power dissipation (W) – Tamb. up to **55**°C						
		INTERNAL TEMP.65°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806AL	EFXE-080806AL	2,6	3,9	6,5	7,8	10,4	11,7	13,0
AR-081306AL	EFXE-081306AL	3,5	5,3	8,8	10,6	14,1	15,9	17,7
AR-081806AL	EFXE-081806AL	4,4	6,6	11,1	13,3	17,8	20,0	22,2
AR-081808AL	EFXE-081808AL	5,5	8,2	13,8	16,5	22,1	24,8	27,6
AR-082505AL	EFXE-082505AL	5,3	8,0	13,4	16,1	21,4	24,1	26,8
AR-082508AL	EFXE-082508AL	7,1	10,7	17,8	21,4	28,5	32,1	35,7
AQ-101008AL	EFXE-101008AL	4,3	6,5	10,8	13,0	17,4	19,6	21,7
AR-101508AL	EFXE-101508AL	5,5	8,3	13,8	16,6	22,2	24,9	27,7
AR-101608AL	EFXE-101608AL	5,7	8,6	14,4	17,3	23,1	26,0	28,9
AR-102008AL	EFXE-102008AL	6,7	10,0	16,7	20,1	26,8	30,2	33,5
AQ-121208AL	EFXE-121208AL	5,4	8,1	13,5	16,2	21,6	24,3	27,0
AR-122209AL	EFXE-122209AL	8,4	12,6	21,0	25,3	33,7	37,9	42,1
AQ-141409AL	EFXE-141409AL	6,8	10,3	17,2	20,6	27,5	31,0	34,4
AR-142009AL	EFXE-142009AL	8,5	12,8	21,4	25,7	34,2	38,5	42,8
AQ-161609AL	EFXE-161609AL	8,6	12,9	21,5	25,8	34,4	38,7	43,0
AR-162410AL	EFXE-162410AL	11,0	16,5	27,6	33,1	44,2	49,7	55,3
AR-162609AL	EFXE-162609AL	10,9	16,4	27,4	32,8	43,8	49,3	54,8
AQ-181810AL	EFXE-181810AL	9,8	14,8	24,6	29,6	39,5	44,4	49,3
AR-182810AL	EFXE-182810AL	13,0	19,5	32,6	39,1	52,2	58,7	65,2
AR-202311AL	EFXE-202311AL	12,9	19,3	32,2	38,7	51,6	58,0	64,5
AR-202318AL	EFXE-202318AL	17,7	26,6	44,4	53,3	71,1	80,0	88,9
AR-232811AL	EFXE-232811AL	15,8	23,7	39,6	47,5	63,3	71,3	79,2
AR-233312AL	EFXE-233312AL	18,5	27,8	46,3	55,6	74,1	83,4	92,7
AR-233318AL	EFXE-233318AL	23,7	35,6	59,4	71,3	95,1	107,0	118,9

Enclosure types (aluminium)		Maximum power dissipation (W) – Tamb. up to **60**°C					
		INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806AL	EFXE-080806AL	2,6	5,2	6,5	9,1	10,4	11,7
AR-081306AL	EFXE-081306AL	3,5	7,0	8,8	12,3	14,1	15,9
AR-081806AL	EFXE-081806AL	4,4	8,9	11,1	15,5	17,8	20,0
AR-081808AL	EFXE-081808AL	5,5	11,0	13,8	19,3	22,1	24,8
AR-082505AL	EFXE-082505AL	5,3	10,7	13,4	18,7	21,4	24,1
AR-082508AL	EFXE-082508AL	7,1	14,2	17,8	24,9	28,5	32,1
AQ-101008AL	EFXE-101008AL	4,3	8,7	10,8	15,2	17,4	19,6
AR-101508AL	EFXE-101508AL	5,5	11,1	13,8	19,4	22,2	24,9
AR-101608AL	EFXE-101608AL	5,7	11,5	14,4	20,2	23,1	26,0
AR-102008AL	EFXE-102008AL	6,7	13,4	16,7	23,5	26,8	30,2
AQ-121208AL	EFXE-121208AL	5,4	10,8	13,5	18,9	21,6	24,3
AR-122209AL	EFXE-122209AL	8,4	16,8	21,0	29,5	33,7	37,9
AQ-141409AL	EFXE-141409AL	6,8	13,7	17,2	24,1	27,5	31,0
AR-142009AL	EFXE-142009AL	8,5	17,1	21,4	30,0	34,2	38,5
AQ-161609AL	EFXE-161609AL	8,6	17,2	21,5	30,1	34,4	38,7
AR-162410AL	EFXE-162410AL	11,0	22,1	27,6	38,7	44,2	49,7
AR-162609AL	EFXE-162609AL	10,9	21,9	27,4	38,3	43,8	49,3
AQ-181810AL	EFXE-181810AL	9,8	19,7	24,6	34,5	39,5	44,4
AR-182810AL	EFXE-182810AL	13,0	26,1	32,6	45,7	52,2	58,7
AR-202311AL	EFXE-202311AL	12,9	25,8	32,2	45,1	51,6	58,0
AR-202318AL	EFXE-202318AL	17,7	35,5	44,4	62,2	71,1	80,0
AR-232811AL	EFXE-232811AL	15,8	31,6	39,6	55,4	63,3	71,3
AR-233312AL	EFXE-233312AL	18,5	37,0	46,3	64,8	74,1	83,4
AR-233318AL	EFXE-233318AL	23,7	47,5	59,4	83,2	95,1	107,0

Enclosure types (aluminium)		Maximum power dissipation (W) – Tamb. up to **95**°C	
		INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
AQ-080806AL	EFXE-080806AL	1,3	2,6
AR-081306AL	EFXE-081306AL	1,7	3,5
AR-081806AL	EFXE-081806AL	2,2	4,4
AR-081808AL	EFXE-081808AL	2,7	5,5
AR-082505AL	EFXE-082505AL	2,6	5,3
AR-082508AL	EFXE-082508AL	3,5	7,1
AQ-101008AL	EFXE-101008AL	2,1	4,3
AR-101508AL	EFXE-101508AL	2,7	5,5
AR-101608AL	EFXE-101608AL	2,8	5,7
AR-102008AL	EFXE-102008AL	3,3	6,7
AQ-121208AL	EFXE-121208AL	2,7	5,4
AR-122209AL	EFXE-122209AL	4,2	8,4
AQ-141409AL	EFXE-141409AL	3,4	6,8
AR-142009AL	EFXE-142009AL	4,2	8,5
AQ-161609AL	EFXE-161609AL	4,3	8,6
AR-162410AL	EFXE-162410AL	5,5	11,0
AR-162609AL	EFXE-162609AL	5,4	10,9
AQ-181810AL	EFXE-181810AL	4,9	9,8
AR-182810AL	EFXE-182810AL	6,5	13,0
AR-202311AL	EFXE-202311AL	6,4	12,9
AR-202318AL	EFXE-202318AL	8,8	17,7
AR-232811AL	EFXE-232811AL	7,9	15,8
AR-233312AL	EFXE-233312AL	9,2	18,5
AR-233318AL	EFXE-233318AL	11,8	23,7

Power dissipation – Stainless steel enclosures SB series

Enclosure types (stainless steel)		Maximum power dissipation (W) – Tamb. up to **40**°C						
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
SB-101210	EFXE-101210SB	5,5	8,3	11,1	12,5	15,3	16,7	18,1
SB-151510	EFXE-151510SB	8,0	12,0	16,0	18,0	22,0	24,0	26,1
SB-142013	EFXE-142013SB	10,4	15,7	20,9	23,5	28,8	31,4	34,0
SB-202010	EFXE-202010SB	10,7	16,1	21,4	24,1	29,5	32,2	34,8
SB-202016	EFXE-202016SB	13,9	20,8	27,8	31,3	38,3	41,7	45,2
SB-202713	EFXE-202713SB	14,4	21,6	28,9	32,5	39,7	43,3	46,9
SB-272713	EFXE-272713SB	16,7	25,1	33,5	37,7	46,0	50,2	54,4
SB-203016	EFXE-203016SB	17,1	25,7	34,3	38,6	47,2	51,4	55,7
SB-273513	EFXE-273513SB	19,2	28,9	38,5	43,3	53,0	57,8	62,6
SB-282816	EFXE-282816SB	19,3	29,0	38,7	43,6	53,3	58,1	63,0
SB-204016	EFXE-204016SB	20,2	30,3	40,4	45,5	55,6	60,6	65,7
SB-353516	EFXE-353516SB	24,4	36,6	48,8	54,9	67,1	73,2	79,3
SB-282827	EFXE-282827SB	26,2	39,3	52,5	59,0	72,2	78,7	85,3
SB-355016	EFXE-355016SB	29,7	44,5	59,4	66,8	81,7	89,1	96,6
SB-383816	EFXE-383816SB	26,6	39,9	53,2	59,8	73,1	79,8	86,5
SB-384516	EFXE-384516SB	29,1	43,7	58,3	65,6	80,2	87,5	94,8
SB-385716	EFXE-385716SB	33,4	50,1	66,8	75,2	91,9	100,3	108,7
SB-505016	EFXE-505016SB	35,8	53,8	71,7	80,7	98,6	107,6	116,6
SB-383827	EFXE-383827SB	35,1	52,7	70,2	79,0	96,6	105,4	114,2
SB-575716	EFXE-575716SB	41,5	62,3	83,1	93,5	114,3	124,7	135,1
SB-577620	EFXE-577620SB	53,9	80,9	107,9	121,3	148,3	161,8	175,3
SB-575730	EFXE-575730SB	55,8	83,7	111,6	125,6	153,5	167,5	181,4
SB-769520	EFXE-769520SB	72,2	108,3	144,4	162,4	198,5	216,6	234,6
SB-1258040	EFXE-1258040SB	72,2	108,3	144,4	162,4	198,5	216,6	234,6

Enclosure types (Stainless steel)		Maximum power dissipation (W) – Tamb. up to **50**°C						
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
SB-101210	EFXE-101210SB	2,7	5,5	8,3	9,7	12,5	13,9	15,3
SB-151510	EFXE-151510SB	4,0	8,0	12,0	14,0	18,0	20,0	22,0
SB-142013	EFXE-142013SB	5,2	10,4	15,7	18,3	23,5	26,2	28,8
SB-202010	EFXE-202010SB	5,3	10,7	16,1	18,7	24,1	26,8	29,5
SB-202016	EFXE-202016SB	6,9	13,9	20,8	24,3	31,3	34,8	38,3
SB-202713	EFXE-202713SB	7,2	14,4	21,6	25,2	32,5	36,1	39,7
SB-272713	EFXE-272713SB	8,3	16,7	25,1	29,3	37,7	41,8	46,0
SB-203016	EFXE-203016SB	8,5	17,1	25,7	30,0	38,6	42,9	47,2
SB-273513	EFXE-273513SB	9,6	19,2	28,9	33,7	43,3	48,2	53,0
SB-282816	EFXE-282816SB	9,6	19,3	29,0	33,9	43,6	48,4	53,3
SB-204016	EFXE-204016SB	10,1	20,2	30,3	35,4	45,5	50,5	55,6
SB-353516	EFXE-353516SB	12,2	24,4	36,6	42,7	54,9	61,0	67,1
SB-282827	EFXE-282827SB	13,1	26,2	39,3	45,9	59,0	65,6	72,2
SB-355016	EFXE-355016SB	14,8	29,7	44,5	52,0	66,8	74,3	81,7
SB-383816	EFXE-383816SB	13,3	26,6	39,9	46,5	59,8	66,5	73,1
SB-384516	EFXE-384516SB	14,5	29,1	43,7	51,0	65,6	72,9	80,2
SB-385716	EFXE-385716SB	16,7	33,4	50,1	58,5	75,2	83,6	91,9
SB-505016	EFXE-505016SB	17,9	35,8	53,8	62,7	80,7	89,7	98,6
SB-383827	EFXE-383827SB	17,5	35,1	52,7	61,4	79,0	87,8	96,6
SB-575716	EFXE-575716SB	20,7	41,5	62,3	72,7	93,5	103,9	114,3
SB-577620	EFXE-577620SB	26,9	53,9	80,9	94,4	121,3	134,8	148,3
SB-575730	EFXE-575730SB	27,9	55,8	83,7	97,7	125,6	139,5	153,5
SB-769520	EFXE-769520SB	36,1	72,2	108,3	126,3	162,4	180,5	198,5
SB-1258040	EFXE-1258040SB	36,1	72,2	108,3	126,3	162,4	180,5	198,5

Enclosure types (Stainless steel)		Maximum power dissipation (W) – Tamb. up to **55**°C						
		INTERNAL TEMP.65°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
SB-101210	EFXE-101210SB	2,7	4,1	6,9	8,3	11,1	12,5	13,9
SB-151510	EFXE-151510SB	4,0	6,0	10,0	12,0	16,0	18,0	20,0
SB-142013	EFXE-142013SB	5,2	7,8	13,1	15,7	20,9	23,5	26,2
SB-202010	EFXE-202010SB	5,3	8,0	13,4	16,1	21,4	24,1	26,8
SB-202016	EFXE-202016SB	6,9	10,4	17,4	20,8	27,8	31,3	34,8
SB-202713	EFXE-202713SB	7,2	10,8	18,0	21,6	28,9	32,5	36,1
SB-272713	EFXE-272713SB	8,3	12,5	20,9	25,1	33,5	37,7	41,8
SB-203016	EFXE-203016SB	8,5	12,8	21,4	25,7	34,3	38,6	42,9
SB-273513	EFXE-273513SB	9,6	14,4	24,1	28,9	38,5	43,3	48,2
SB-282816	EFXE-282816SB	9,6	14,5	24,2	29,0	38,7	43,6	48,4
SB-204016	EFXE-204016SB	10,1	15,1	25,2	30,3	40,4	45,5	50,5
SB-353516	EFXE-353516SB	12,2	18,3	30,5	36,6	48,8	54,9	61,0
SB-282827	EFXE-282827SB	13,1	19,6	32,8	39,3	52,5	59,0	65,6
SB-355016	EFXE-355016SB	14,8	22,2	37,1	44,5	59,4	66,8	74,3
SB-383816	EFXE-383816SB	13,3	19,9	33,2	39,9	53,2	59,8	66,5
SB-384516	EFXE-384516SB	14,5	21,8	36,4	43,7	58,3	65,6	72,9
SB-385716	EFXE-385716SB	16,7	25,0	41,8	50,1	66,8	75,2	83,6
SB-505016	EFXE-505016SB	17,9	26,9	44,8	53,8	71,7	80,7	89,7
SB-383827	EFXE-383827SB	17,5	26,3	43,9	52,7	70,2	79,0	87,8
SB-575716	EFXE-575716SB	20,7	31,1	51,9	62,3	83,1	93,5	103,9
SB-577620	EFXE-577620SB	26,9	40,4	67,4	80,9	107,9	121,3	134,8
SB-575730	EFXE-575730SB	27,9	41,8	69,7	83,7	111,6	125,6	139,5
SB-769520	EFXE-769520SB	36,1	54,1	90,2	108,3	144,4	162,4	180,5
SB-1258040	EFXE-1258040SB	36,1	54,1	90,2	108,3	144,4	162,4	180,5

Enclosure types (Stainless steel)		Maximum power dissipation (W) – Tamb. up to **60**°C					
		INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
SB-101210	EFXE-101210SB	2,7	5,5	6,9	9,7	11,1	12,5
SB-151510	EFXE-151510SB	4,0	8,0	10,0	14,0	16,0	18,0
SB-142013	EFXE-142013SB	5,2	10,4	13,1	18,3	20,9	23,5
SB-202010	EFXE-202010SB	5,3	10,7	13,4	18,7	21,4	24,1
SB-202016	EFXE-202016SB	6,9	13,9	17,4	24,3	27,8	31,3
SB-202713	EFXE-202713SB	7,2	14,4	18,0	25,2	28,9	32,5
SB-272713	EFXE-272713SB	8,3	16,7	20,9	29,3	33,5	37,7
SB-203016	EFXE-203016SB	8,5	17,1	21,4	30,0	34,3	38,6
SB-273513	EFXE-273513SB	9,6	19,2	24,1	33,7	38,5	43,3
SB-282816	EFXE-282816SB	9,6	19,3	24,2	33,9	38,7	43,6
SB-204016	EFXE-204016SB	10,1	20,2	25,2	35,4	40,4	45,5
SB-353516	EFXE-353516SB	12,2	24,4	30,5	42,7	48,8	54,9
SB-282827	EFXE-282827SB	13,1	26,2	32,8	45,9	52,5	59,0
SB-355016	EFXE-355016SB	14,8	29,7	37,1	52,0	59,4	66,8
SB-383816	EFXE-383816SB	13,3	26,6	33,2	46,5	53,2	59,8
SB-384516	EFXE-384516SB	14,5	29,1	36,4	51,0	58,3	65,6
SB-385716	EFXE-385716SB	16,7	33,4	41,8	58,5	66,8	75,2
SB-505016	EFXE-505016SB	17,9	35,8	44,8	62,7	71,7	80,7
SB-383827	EFXE-383827SB	17,5	35,1	43,9	61,4	70,2	79,0
SB-575716	EFXE-575716SB	20,7	41,5	51,9	72,7	83,1	93,5
SB-577620	EFXE-577620SB	26,9	53,9	67,4	94,4	107,9	121,3
SB-575730	EFXE-575730SB	27,9	55,8	69,7	97,7	111,6	125,6
SB-769520	EFXE-769520SB	36,1	72,2	90,2	126,3	144,4	162,4
SB-1258040	EFXE-1258040SB	36,1	72,2	90,2	126,3	144,4	162,4

Enclosure types (Stainless steel)		Maximum power dissipation (W) – Tamb. up to **95**°C	
		INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
SB-101210	EFXE-101210SB	1,3	2,7
SB-151510	EFXE-151510SB	2,0	4,0
SB-142013	EFXE-142013SB	2,6	5,2
SB-202010	EFXE-202010SB	2,6	5,3
SB-202016	EFXE-202016SB	3,4	6,9
SB-202713	EFXE-202713SB	3,6	7,2
SB-272713	EFXE-272713SB	4,1	8,3
SB-203016	EFXE-203016SB	4,2	8,5
SB-273513	EFXE-273513SB	4,8	9,6
SB-282816	EFXE-282816SB	4,8	9,6
SB-204016	EFXE-204016SB	5,0	10,1
SB-353516	EFXE-353516SB	6,1	12,2
SB-282827	EFXE-282827SB	6,5	13,1
SB-355016	EFXE-355016SB	7,4	14,8
SB-383816	EFXE-383816SB	6,6	13,3
SB-384516	EFXE-384516SB	7,2	14,5
SB-385716	EFXE-385716SB	8,3	16,7
SB-505016	EFXE-505016SB	8,9	17,9
SB-383827	EFXE-383827SB	8,7	17,5
SB-575716	EFXE-575716SB	10,3	20,7
SB-577620	EFXE-577620SB	13,4	26,9
SB-575730	EFXE-575730SB	13,9	27,9
SB-769520	EFXE-769520SB	18,0	36,1
SB-1258040	EFXE-1258040SB	18,0	36,1

Power dissipation – Stainless steel enclosures ST series

Enclosure types (Stainless steel)		Maximum power dissipation (W) – Tamb. up to **40**°C						
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
ST-101210	EFXE-101210ST	5,5	8,3	11,1	12,5	15,3	16,7	18,1
ST-151510	EFXE-151510ST	8,0	12,0	16,0	18,0	22,0	24,0	26,1
ST-142013	EFXE-142013ST	10,4	15,7	20,9	23,5	28,8	31,4	34,0
ST-202010	EFXE-202010ST	10,7	16,1	21,4	24,1	29,5	32,2	34,8
ST-202016	EFXE-202016ST	13,9	20,8	27,8	31,3	38,3	41,7	45,2
ST-202713	EFXE-202713ST	14,4	21,6	28,9	32,5	39,7	43,3	46,9
ST-272713	EFXE-272713ST	16,7	25,1	33,5	37,7	46,0	50,2	54,4
ST-203016	EFXE-203016ST	17,1	25,7	34,3	38,6	47,2	51,4	55,7
ST-273513	EFXE-273513ST	19,2	28,9	38,5	43,3	53,0	57,8	62,6
ST-282816	EFXE-282816ST	19,3	29,0	38,7	43,6	53,3	58,1	63,0
ST-204016	EFXE-204016ST	20,2	30,3	40,4	45,5	55,6	60,6	65,7
ST-353516	EFXE-353516ST	24,4	36,6	48,8	54,9	67,1	73,2	79,3
ST-282827	EFXE-282827ST	26,2	39,3	52,5	59,0	72,2	78,7	85,3
ST-355016	EFXE-355016ST	29,7	44,5	59,4	66,8	81,7	89,1	96,6
ST-383816	EFXE-383816ST	26,6	39,9	53,2	59,8	73,1	79,8	86,5
ST-384516	EFXE-384516ST	29,1	43,7	58,3	65,6	80,2	87,5	94,8
ST-385716	EFXE-385716ST	33,4	50,1	66,8	75,2	91,9	100,3	108,7
ST-505016	EFXE-505016ST	35,8	53,8	71,7	80,7	98,6	107,6	116,6
ST-383827	EFXE-383827ST	35,1	52,7	70,2	79,0	96,6	105,4	114,2
ST-575716	EFXE-575716ST	41,5	62,3	83,1	93,5	114,3	124,7	135,1
ST-577620	EFXE-577620ST	53,9	80,9	107,9	121,3	148,3	161,8	175,3
ST-575730	EFXE-575730ST	55,8	83,7	111,6	125,6	153,5	167,5	181,4
ST-769520	EFXE-769520ST	72,2	108,3	144,4	162,4	198,5	216,6	234,6
ST-1258040	EFXE-1258040ST	72,2	108,3	144,4	162,4	198,5	216,6	234,6

Enclosure types (Stainless steel)		Maximum power dissipation (W) – Tamb. up to **50**°C						
		INTERNAL TEMP.60°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
ST-101210	EFXE-101210ST	2,7	5,5	8,3	9,7	12,5	13,9	15,3
ST-151510	EFXE-151510ST	4,0	8,0	12,0	14,0	18,0	20,0	22,0
ST-142013	EFXE-142013ST	5,2	10,4	15,7	18,3	23,5	26,2	28,8
ST-202010	EFXE-202010ST	5,3	10,7	16,1	18,7	24,1	26,8	29,5
ST-202016	EFXE-202016ST	6,9	13,9	20,8	24,3	31,3	34,8	38,3
ST-202713	EFXE-202713ST	7,2	14,4	21,6	25,2	32,5	36,1	39,7
ST-272713	EFXE-272713ST	8,3	16,7	25,1	29,3	37,7	41,8	46,0
ST-203016	EFXE-203016ST	8,5	17,1	25,7	30,0	38,6	42,9	47,2
ST-273513	EFXE-273513ST	9,6	19,2	28,9	33,7	43,3	48,2	53,0
ST-282816	EFXE-282816ST	9,6	19,3	29,0	33,9	43,6	48,4	53,3
ST-204016	EFXE-204016ST	10,1	20,2	30,3	35,4	45,5	50,5	55,6
ST-353516	EFXE-353516ST	12,2	24,4	36,6	42,7	54,9	61,0	67,1
ST-282827	EFXE-282827ST	13,1	26,2	39,3	45,9	59,0	65,6	72,2
ST-355016	EFXE-355016ST	14,8	29,7	44,5	52,0	66,8	74,3	81,7
ST-383816	EFXE-383816ST	13,3	26,6	39,9	46,5	59,8	66,5	73,1
ST-384516	EFXE-384516ST	14,5	29,1	43,7	51,0	65,6	72,9	80,2
ST-385716	EFXE-385716ST	16,7	33,4	50,1	58,5	75,2	83,6	91,9
ST-505016	EFXE-505016ST	17,9	35,8	53,8	62,7	80,7	89,7	98,6
ST-383827	EFXE-383827ST	17,5	35,1	52,7	61,4	79,0	87,8	96,6
ST-575716	EFXE-575716ST	20,7	41,5	62,3	72,7	93,5	103,9	114,3
ST-577620	EFXE-577620ST	26,9	53,9	80,9	94,4	121,3	134,8	148,3
ST-575730	EFXE-575730ST	27,9	55,8	83,7	97,7	125,6	139,5	153,5
ST-769520	EFXE-769520ST	36,1	72,2	108,3	126,3	162,4	180,5	198,5
ST-1258040	EFXE-1258040ST	36,1	72,2	108,3	126,3	162,4	180,5	198,5

Enclosure types (Stainless steel)		Maximum power dissipation (W) – Tamb. up to **55**°C						
		INTERNAL TEMP.65°C (T6/T85°C)	INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
ST-101210	EFXE-101210ST	2,7	4,1	6,9	8,3	11,1	12,5	13,9
ST-151510	EFXE-151510ST	4,0	6,0	10,0	12,0	16,0	18,0	20,0
ST-142013	EFXE-142013ST	5,2	7,8	13,1	15,7	20,9	23,5	26,2
ST-202010	EFXE-202010ST	5,3	8,0	13,4	16,1	21,4	24,1	26,8
ST-202016	EFXE-202016ST	6,9	10,4	17,4	20,8	27,8	31,3	34,8
ST-202713	EFXE-202713ST	7,2	10,8	18,0	21,6	28,9	32,5	36,1
ST-272713	EFXE-272713ST	8,3	12,5	20,9	25,1	33,5	37,7	41,8
ST-203016	EFXE-203016ST	8,5	12,8	21,4	25,7	34,3	38,6	42,9
ST-273513	EFXE-273513ST	9,6	14,4	24,1	28,9	38,5	43,3	48,2
ST-282816	EFXE-282816ST	9,6	14,5	24,2	29,0	38,7	43,6	48,4
ST-204016	EFXE-204016ST	10,1	15,1	25,2	30,3	40,4	45,5	50,5
ST-353516	EFXE-353516ST	12,2	18,3	30,5	36,6	48,8	54,9	61,0
ST-282827	EFXE-282827ST	13,1	19,6	32,8	39,3	52,5	59,0	65,6
ST-355016	EFXE-355016ST	14,8	22,2	37,1	44,5	59,4	66,8	74,3
ST-383816	EFXE-383816ST	13,3	19,9	33,2	39,9	53,2	59,8	66,5
ST-384516	EFXE-384516ST	14,5	21,8	36,4	43,7	58,3	65,6	72,9
ST-385716	EFXE-385716ST	16,7	25,0	41,8	50,1	66,8	75,2	83,6
ST-505016	EFXE-505016ST	17,9	26,9	44,8	53,8	71,7	80,7	89,7
ST-383827	EFXE-383827ST	17,5	26,3	43,9	52,7	70,2	79,0	87,8
ST-575716	EFXE-575716ST	20,7	31,1	51,9	62,3	83,1	93,5	103,9
ST-577620	EFXE-577620ST	26,9	40,4	67,4	80,9	107,9	121,3	134,8
ST-575730	EFXE-575730ST	27,9	41,8	69,7	83,7	111,6	125,6	139,5
ST-769520	EFXE-769520ST	36,1	54,1	90,2	108,3	144,4	162,4	180,5
ST-1258040	EFXE-1258040ST	36,1	54,1	90,2	108,3	144,4	162,4	180,5

Enclosure types (Stainless steel)		Maximum power dissipation (W) – Tamb. up to **60**°C					
		INTERNAL TEMP.70°C (T6/T85°C)	INTERNAL TEMP.80°C (T6/T85°C)	INTERNAL TEMP.85°C (T5/T100°C)	INTERNAL TEMP.95°C (T5/T100°C)	INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
ST-101210	EFXE-101210ST	2,7	5,5	6,9	9,7	11,1	12,5
ST-151510	EFXE-151510ST	4,0	8,0	10,0	14,0	16,0	18,0
ST-142013	EFXE-142013ST	5,2	10,4	13,1	18,3	20,9	23,5
ST-202010	EFXE-202010ST	5,3	10,7	13,4	18,7	21,4	24,1
ST-202016	EFXE-202016ST	6,9	13,9	17,4	24,3	27,8	31,3
ST-202713	EFXE-202713ST	7,2	14,4	18,0	25,2	28,9	32,5
ST-272713	EFXE-272713ST	8,3	16,7	20,9	29,3	33,5	37,7
ST-203016	EFXE-203016ST	8,5	17,1	21,4	30,0	34,3	38,6
ST-273513	EFXE-273513ST	9,6	19,2	24,1	33,7	38,5	43,3
ST-282816	EFXE-282816ST	9,6	19,3	24,2	33,9	38,7	43,6
ST-204016	EFXE-204016ST	10,1	20,2	25,2	35,4	40,4	45,5
ST-353516	EFXE-353516ST	12,2	24,4	30,5	42,7	48,8	54,9
ST-282827	EFXE-282827ST	13,1	26,2	32,8	45,9	52,5	59,0
ST-355016	EFXE-355016ST	14,8	29,7	37,1	52,0	59,4	66,8
ST-383816	EFXE-383816ST	13,3	26,6	33,2	46,5	53,2	59,8
ST-384516	EFXE-384516ST	14,5	29,1	36,4	51,0	58,3	65,6
ST-385716	EFXE-385716ST	16,7	33,4	41,8	58,5	66,8	75,2
ST-505016	EFXE-505016ST	17,9	35,8	44,8	62,7	71,7	80,7
ST-383827	EFXE-383827ST	17,5	35,1	43,9	61,4	70,2	79,0
ST-575716	EFXE-575716ST	20,7	41,5	51,9	72,7	83,1	93,5
ST-577620	EFXE-577620ST	26,9	53,9	67,4	94,4	107,9	121,3
ST-575730	EFXE-575730ST	27,9	55,8	69,7	97,7	111,6	125,6
ST-769520	EFXE-769520ST	36,1	72,2	90,2	126,3	144,4	162,4
ST-1258040	EFXE-1258040ST	36,1	72,2	90,2	126,3	144,4	162,4

Enclosure types (Stainless steel)		Maximum power dissipation (W) – Tamb. up to **95**°C	
		INTERNAL TEMP.100°C (T4/T135°C)	INTERNAL TEMP.105°C (T4/T135°C)
ST-101210	EFXE-101210ST	1,3	2,7
ST-151510	EFXE-151510ST	2,0	4,0
ST-142013	EFXE-142013ST	2,6	5,2
ST-202010	EFXE-202010ST	2,6	5,3
ST-202016	EFXE-202016ST	3,4	6,9
ST-202713	EFXE-202713ST	3,6	7,2
ST-272713	EFXE-272713ST	4,1	8,3
ST-203016	EFXE-203016ST	4,2	8,5
ST-273513	EFXE-273513ST	4,8	9,6
ST-282816	EFXE-282816ST	4,8	9,6
ST-204016	EFXE-204016ST	5,0	10,1
ST-353516	EFXE-353516ST	6,1	12,2
ST-282827	EFXE-282827ST	6,5	13,1
ST-355016	EFXE-355016ST	7,4	14,8
ST-383816	EFXE-383816ST	6,6	13,3
ST-384516	EFXE-384516ST	7,2	14,5
ST-385716	EFXE-385716ST	8,3	16,7
ST-505016	EFXE-505016ST	8,9	17,9
ST-383827	EFXE-383827ST	8,7	17,5
ST-575716	EFXE-575716ST	10,3	20,7
ST-577620	EFXE-577620ST	13,4	26,9
ST-575730	EFXE-575730ST	13,9	27,9
ST-769520	EFXE-769520ST	18,0	36,1
ST-1258040	EFXE-1258040ST	18,0	36,1

Maximum Power Dissipation calculation

The values specified in the tables as per clause 2.1.1 may be modified within the maximum admitted Tamb and maximum admitted internal temperature as follows.

$$Pdiss\ (W) = \frac{Tmax - Tamb}{Rth}$$

Rth = A x (enclosure surface in mm^2 except enclosure bottom)^B

Legend:
Rth – Thermal resistance [K/W].
Tmax – Maximum allowed temperature inside enclosure.
Tamb – Ambient temperature of enclosure
A and B - coefficients determined for each series of enclosure. Exact values are given in manufacturer's documentation.

Warning labels:

WARNING – DO NOT OPEN WHEN ENERGIZED (*)
(*) Not mandatory for apparatus with protection type Ex ia Ga and Ex ib Gb.

WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS

To be added when the enclosures or parts of them have a surface resistance more than 10^9 Ω or 10^{11} Ω according to IEC 60079-0 Clause 7.4.2 a), as applicable, and as per following cases:

- are equipped with transparent parts made of polycarbonate.
- for category II 2 G / EPL Gb Gas group IIC: are painted and the paint layer thickness is > 0.2mm.
- for category II 2 G / EPL Gb Gas group IIB: are painted and the paint layer thickness is > 2mm.
- for category II 2 D / EPL Db: are painted and the paint layer thickness is > 2mm.
- for category II 2 G / EPL Gb Gas group IIC: not conductive individual materials (labels), applied on painted enclosures, have exposed (chargeable area) > 2000mm^2 or, not conductive individual materials (labels), applied on unpainted (conductive earthed surface) enclosures, have exposed (chargeable area) > 8000mm^2.
- for category II 2 G /EPL Gb Gas group IIB: not conductive individual materials (labels), applied on painted enclosures, have exposed (chargeable area) > 10000mm^2 or, not conductive individual materials (labels), applied on unpainted (conductive earthed surface) enclosures, have exposed (chargeable area) > 40000mm^2.

OPEN THE VALVE ONLY WHEN THE APPARATUS IS DE-ENERGIZED AND ONLY WHEN AN EXPLOSIVE DUST ATMOSPHERE IS NOT PRESENT
To be added on Ex tb apparatus equipped with the drain / venting device ECR3.

Other warnings depend on the components actually mounted, according to the component manufacturer's documentation.

The tables below state the maximum power dissipation values (W) related to the internal temperature (Tint) and ambient temperature (Tamb).

IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx LCIE 17.0003X	Issue No: 0	Certificate history: Issue No. 0 (2017-05-03)
Status:	**Current**	Page 1 of 4	
Date of Issue:	**2017-05-03**		

Applicant: **TECHNOR ITALSMEA S.p.A.**
Via italia, 33
20060 Gessate (MI)
Italy

Equipment: **Box with socket outlet & inlet - Type : MXBS**

Optional accessory:

Type of Protection: **Ex e, Ex i, Ex t**

Marking:

Ex eb IIC T... Gb

Ex ia or ib IIC T... Gb

Ex eb ia or eb ib IIC T... Gb

Ex tb III C T...°C Db IP66

(Depends on models - Refer to attachment for full marking)

Approved for issue on behalf of the IECEx Certification Body: Certification Officer

Position: Julien GAUTHIER

Signature:
(for printed version)

Date: 2017-05-03

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 363 174
33 avenue du Général Leclerc
F - 92266 FONTENAY AUX ROSES

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

Laboratoire Central des Industries Electriques (LCIE)
33 Avenue du General Leclerc
FR-92260 Fontenay-aux-Roses
France

IECEx Certificate of Conformity

Certificate No:	IECEx LCIE 17.0003X	Issue No: 0
Date of Issue:	**2017-05-03**	Page 2 of 4
Manufacturer:	**TECHNOR ITALSMEA S.p.A.** Via italia, 33 20060 Gessate (MI) **Italy**	

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

FR/LCIE/ExTR17.0006/00

Quality Assessment Report:

FR/INE/QAR08.0002/08

Certificate No: IECEx LCIE 17.0003X Issue No: 0

Date of Issue: 2017-05-03 Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The equipment is a box with socket outlets & inlets.

It is equipped with a certified junction box MXBJ** (IECEx LCI 11.0026 X) and one or more certified socket outlets & inlets or inlets : DXN1 (IECEx LCI 09.0005 X), DXN3 (IECEx LCI 09.0006), DXN6 (IECEx LCI 09.0007), PXN12C (IECEx LCIE 14.0041 X), DXN25C (IECEx LCIE 14.0040 X), DXN37C (IECEx LCIE 14.0038 X), SPeX (IECEx LCI 12.0005 X), DXA1 (IECEx LCIE 15.0030 X) and PNCX (IECEx LCIE 16.0001 X).

The socket outlets & inlets or the inlets can be mounted with or without an inclined sleeve on the junction box and could be mixed.

The junction box can be only equipped with terminals that are already included in the MXBJ's certificate or without terminals.

For models in intrinsic safety version :

According to the intended used, the junction box can contain non-intrinsic safety circuits and/or intrinsic safety circuits and/or one or more intirinsic safety certified socket outlet & inlet type PXN12C, DXN25C and DXN37C.

Instruction sheet : Annex 1

SPECIFIC CONDITIONS OF USE: YES as shown below:

a) Junction boxes, socket outlets & inlets and their accessories shall be installed in accordance with the specific conditions of use mentioned on their certificate and the manufacturer's instruction.

b) All entries in the enclosure shall be equipped with cable glands or blanking elements certified with a protection mode and an ingress protection compatible for the intended use.

c) All conducting parts shall be separated from a distance superior or equal to the ones required by IEC 60079-7 standard.

d) Enclosures equipped with polycarbonate transparent parts, painted enclosures having paint layer thickness more than 0.2 mm, and not antistatic GRP enclosures (other than the black colored ones): clean only by damp cloth or antistatic products.

e) For the threaded entries with parallel threads, the use of a gasket is required.

f) The models equipped with DXN1 shall not be exposed to mechanical impact higher than 4 Joules.

Additional conditions for models in intrinsic safety version :

g) The final users shall only connect the equipment to certify associated intrinsically safe apparatus. This combination must be compatible as regards intrinsic safety rules.

h) The manufacturer shall ensure that terminals for intrinsic safety circuits shall be separated from those for non-intrinsic safety circuits in accordance with clause 6.2 of IEC 60079-11 standard.

i) The manufacturer shall ensure that separation of conductive parts between intrinsically safe and non-intrinsically safe circuits, or different intrinsically safe circuits, or a circuit and earthed or isolated metal parts shall conform to clause 6.3 of IEC 60079-11 standard.

IECEx Certificate of Conformity

Certificate No:	IECEx LCIE 17.0003X	Issue No: 0
Date of Issue:	2017-05-03	Page 4 of 4

Annex:

IECEx LCIE 17.0003 X - Issue 00 - Annex 01 - Technor Italsmea.pdf

MARKING

Technor Italsmea S.p.A.
Address : …
Type : MXBS (0)
Serial number : …
Year of construction : …
IECEx LCIE 17.0003 X
WARNING – DO NOT OPEN WHEN ENERGIZED
(0) : Completed with models defined in Range detail

Model MXBS*1

(in GRP)
Ex eb IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Or
Ex ia or ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Or
Ex eb ia or eb ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).
(1) : Completed according to tables 1 below :

		Maximum power dissipation (W) - **Tamb +40°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA1	80x80x60	3,4	5,2	6,9	7,8	9,5	10,4	11,3	N/A	N/A
MXBSB1	80x80x80	4,5	6,8	9,1	10,2	12,5	13,6	14,7	N/A	N/A
MXBSC1	80x110x60	4,2	6,4	8,5	9,6	11,7	12,8	13,8	N/A	N/A
MXBSD1	80x160x60	5,7	8,6	11,5	13,0	15,9	17,3	18,8	N/A	N/A
MXBSE1	80x190x60	6,4	9,6	12,8	14,4	17,6	19,2	20,8	N/A	N/A
MXBSF1	120x120x90	7,9	11,9	15,9	17,9	21,9	23,9	25,9	N/A	N/A
MXBSG1	120x220x90	10,8	16,2	21,6	24,3	29,7	32,4	35,1	N/A	N/A
MXBSH1	160x160x90	10,3	15,5	20,7	23,3	28,5	31,1	33,7	N/A	N/A
MXBSI1	160x260x90	13,4	20,1	26,8	30,1	36,8	40,2	43,5	N/A	N/A
MXBSJ1	160x360x90	16,2	24,3	32,4	36,4	44,5	48,6	52,6	N/A	N/A
MXBSK1	250x260x120	18,8	28,2	37,6	42,3	51,7	56,4	61,1	N/A	N/A
MXBSL1	250x260x160	21,7	32,6	43,5	49,0	59,9	65,3	70,8	N/A	N/A
MXBSM1	250x400x120	23,9	35,9	47,9	53,9	65,9	71,8	77,8	N/A	N/A
MXBSN1	250x400x160	27,4	41,2	54,9	61,8	75,6	82,4	89,3	N/A	N/A
MXBSO1	250x600x120	29,0	43,5	58,0	65,3	79,8	87,1	94,3	N/A	N/A
MXBSP1	410x400x120	29,1	43,6	58,2	65,5	80,0	87,3	94,6	N/A	N/A
MXBSQ1	410x400x160	32,9	49,4	65,9	74,1	90,6	98,8	107,0	N/A	N/A

		Maximum power dissipation (W) - **Tamb +45°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA1	80x80x60	2,6	4,3	6	6,9	8,7	9,5	10,4	N/A	N/A
MXBSB1	80x80x80	3,4	5,6	7,9	9,1	11,3	12,5	13,6	N/A	N/A
MXBSC1	80x110x60	3,2	5,3	7,4	8,5	10,6	11,7	12,8	N/A	N/A
MXBSD1	80x160x60	4,3	7,2	10,1	11,5	14,4	15,9	17,3	N/A	N/A
MXBSE1	80x190x60	4,8	8	11,2	12,8	16	17,6	19,2	N/A	N/A
MXBSF1	120x120x90	5,9	9,9	13,9	15,9	19,9	21,9	23,9	N/A	N/A
MXBSG1	120x220x90	8,1	13,5	18,9	21,6	27	29,7	32,4	N/A	N/A
MXBSH1	160x160x90	7,7	12,9	18,1	20,7	25,9	28,5	31,1	N/A	N/A
MXBSI1	160x260x90	10	16,7	23,4	26,8	33,5	36,8	40,2	N/A	N/A
MXBSJ1	160x360x90	12,1	20,2	28,3	32,4	40,5	44,5	48,6	N/A	N/A
MXBSK1	250x260x120	14,1	23,5	32,9	37,6	47	51,7	56,4	N/A	N/A
MXBSL1	250x260x160	16,3	27,2	38,1	43,5	54,4	59,9	65,3	N/A	N/A
MXBSM1	250x400x120	17,9	29,9	41,9	47,9	59,9	65,9	71,8	N/A	N/A
MXBSN1	250x400x160	20,6	34,3	48,1	54,9	68,7	75,6	82,4	N/A	N/A
MXBSO1	250x600x120	21,7	36,3	50,8	58	72,6	79,8	87,1	N/A	N/A
MXBSP1	410x400x120	21,8	36,3	50,9	58,2	72,7	80	87,3	N/A	N/A
MXBSQ1	410x400x160	24,7	41,1	57,6	65,9	82,3	90,6	98,8	N/A	N/A

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CERT-ATEX-FORM 14 Rev. 01

		Maximum power dissipation (W) - **Tamb +50°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA1	80x80x60	1,7	3,4	5,2	6	7,8	8,7	9,5	N/A	N/A
MXBSB1	80x80x80	2,2	4,5	6,8	7,9	10,2	11,3	12,5	N/A	N/A
MXBSC1	80x110x60	2,1	4,2	6,4	7,4	9,6	10,6	11,7	N/A	N/A
MXBSD1	80x160x60	2,8	5,7	8,6	10,1	13	14,4	15,9	N/A	N/A
MXBSE1	80x190x60	3,2	6,4	9,6	11,2	14,4	16	17,6	N/A	N/A
MXBSF1	120x120x90	3,9	7,9	11,9	13,9	17,9	19,9	21,9	N/A	N/A
MXBSG1	120x220x90	5,4	10,8	16,2	18,9	24,3	27	29,7	N/A	N/A
MXBSH1	160x160x90	5,1	10,3	15,5	18,1	23,3	25,9	28,5	N/A	N/A
MXBSI1	160x260x90	6,7	13,4	20,1	23,4	30,1	33,5	36,8	N/A	N/A
MXBSJ1	160x360x90	8,1	16,2	24,3	28,3	36,4	40,5	44,5	N/A	N/A
MXBSK1	250x260x120	9,4	18,8	28,2	32,9	42,3	47	51,7	N/A	N/A
MXBSL1	250x260x160	10,8	21,7	32,6	38,1	49	54,4	59,9	N/A	N/A
MXBSM1	250x400x120	11,9	23,9	35,9	41,9	53,9	59,9	65,9	N/A	N/A
MXBSN1	250x400x160	13,7	27,4	41,2	48,1	61,8	68,7	75,6	N/A	N/A
MXBSO1	250x600x120	14,5	29	43,5	50,8	65,3	72,6	79,8	N/A	N/A
MXBSP1	410x400x120	14,5	29,1	43,6	50,9	65,5	72,7	80	N/A	N/A
MXBSQ1	410x400x160	16,4	32,9	49,4	57,6	74,1	82,3	90,6	N/A	N/A

		Maximum power dissipation (W) - **Tamb +55°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA1	80x80x60	1,7	2,6	4,3	5,2	6,9	7,8	8,7	N/A	N/A
MXBSB1	80x80x80	2,2	3,4	5,6	6,8	9,1	10,2	11,3	N/A	N/A
MXBSC1	80x110x60	2,1	3,2	5,3	6,4	8,5	9,6	10,6	N/A	N/A
MXBSD1	80x160x60	2,8	4,3	7,2	8,6	11,5	13	14,4	N/A	N/A
MXBSE1	80x190x60	3,2	4,8	8	9,6	12,8	14,4	16	N/A	N/A
MXBSF1	120x120x90	3,9	5,9	9,9	11,9	15,9	17,9	19,9	N/A	N/A
MXBSG1	120x220x90	5,4	8,1	13,5	16,2	21,6	24,3	27	N/A	N/A
MXBSH1	160x160x90	5,1	7,7	12,9	15,5	20,7	23,3	25,9	N/A	N/A
MXBSI1	160x260x90	6,7	10	16,7	20,1	26,8	30,1	33,5	N/A	N/A
MXBSJ1	160x360x90	8,1	12,1	20,2	24,3	32,4	36,4	40,5	N/A	N/A
MXBSK1	250x260x120	9,4	14,1	23,5	28,2	37,6	42,3	47	N/A	N/A
MXBSL1	250x260x160	10,8	16,3	27,2	32,6	43,5	49	54,4	N/A	N/A
MXBSM1	250x400x120	11,9	17,9	29,9	35,9	47,9	53,9	59,9	N/A	N/A
MXBSN1	250x400x160	13,7	20,6	34,3	41,2	54,9	61,8	68,7	N/A	N/A
MXBSO1	250x600x120	14,5	21,7	36,3	43,5	58	65,3	72,6	N/A	N/A
MXBSP1	410x400x120	14,5	21,8	36,3	43,6	58,2	65,5	72,7	N/A	N/A
MXBSQ1	410x400x160	16,4	24,7	41,1	49,4	65,9	74,1	82,3	N/A	N/A

		Maximum power dissipation (W) - **Tamb +60°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA1	80x80x60	N/A	1,7	3,4	4,3	6	6,9	7,8	N/A	N/A
MXBSB1	80x80x80	N/A	2,2	4,5	5,6	7,9	9,1	10,2	N/A	N/A
MXBSC1	80x110x60	N/A	2,1	4,2	5,3	7,4	8,5	9,6	N/A	N/A
MXBSD1	80x160x60	N/A	2,8	5,7	7,2	10,1	11,5	13	N/A	N/A
MXBSE1	80x190x60	N/A	3,2	6,4	8	11,2	12,8	14,4	N/A	N/A
MXBSF1	120x120x90	N/A	3,9	7,9	9,9	13,9	15,9	17,9	N/A	N/A
MXBSG1	120x220x90	N/A	5,4	10,8	13,5	18,9	21,6	24,3	N/A	N/A
MXBSH1	160x160x90	N/A	5,1	10,3	12,9	18,1	20,7	23,3	N/A	N/A
MXBSI1	160x260x90	N/A	6,7	13,4	16,7	23,4	26,8	30,1	N/A	N/A
MXBSJ1	160x360x90	N/A	8,1	16,2	20,2	28,3	32,4	36,4	N/A	N/A
MXBSK1	250x260x120	N/A	9,4	18,8	23,5	32,9	37,6	42,3	N/A	N/A
MXBSL1	250x260x160	N/A	10,8	21,7	27,2	38,1	43,5	49	N/A	N/A
MXBSM1	250x400x120	N/A	11,9	23,9	29,9	41,9	47,9	53,9	N/A	N/A
MXBSN1	250x400x160	N/A	13,7	27,4	34,3	48,1	54,9	61,8	N/A	N/A
MXBSO1	250x600x120	N/A	14,5	29	36,3	50,8	58	65,3	N/A	N/A
MXBSP1	410x400x120	N/A	14,5	29,1	36,3	50,9	58,2	65,5	N/A	N/A
MXBSQ1	410x400x160	N/A	16,4	32,9	41,1	57,6	65,9	74,1	N/A	N/A

Tables 1

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Model MXBS*2
(in STAINLESS STEEL)
Ex eb IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Or
Ex ia or ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Or
Ex eb ia or eb ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).
(2) : Completed according to tables 2 below :

		Maximum power dissipation (W) - **Tamb +40°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA2	100x120x100	5,5	8,3	11,1	12,5	15,3	16,7	18,1	N/A	N/A
MXBSB2	150x150x100	8	12	16	18	22	24	26,1	N/A	N/A
MXBSC2	140x200x130	10,4	15,7	20,9	23,5	28,8	31,4	34	N/A	N/A
MXBSD2	200x200x100	10,7	16,1	21,4	24,1	29,5	32,2	34,8	N/A	N/A
MXBSE2	200x200x160	13,9	20,8	27,8	31,3	38,3	41,7	45,2	N/A	N/A
MXBSF2	200x270x130	14,4	21,6	28,9	32,5	39,7	43,3	46,9	N/A	N/A
MXBSG2	270x270x130	16,7	25,1	33,5	37,7	46	50,2	54,4	N/A	N/A
MXBSH2	200x300x160	17,1	25,7	34,3	38,6	47,2	51,4	55,7	N/A	N/A
MXBSI2	280x280x160	19,2	28,9	38,5	43,3	53	57,8	62,6	N/A	N/A
MXBSJ2	200x400x160	19,3	29	38,7	43,6	53,3	58,1	63	N/A	N/A
MXBSK2	270x350x130	20,2	30,3	40,4	45,5	55,6	60,6	65,7	N/A	N/A
MXBSL2	350x350x160	24,4	36,6	48,8	54,9	67,1	73,2	79,3	N/A	N/A
MXBSM2	280x280x270	26,2	39,3	52,5	59	72,2	78,7	85,3	N/A	N/A
MXBSN2	380x380x160	29,7	44,5	59,4	66,8	81,7	89,1	96,6	N/A	N/A
MXBSO2	380x450x160	26,6	39,9	53,2	59,8	73,1	79,8	86,5	N/A	N/A
MXBSP2	350x500x160	29,1	43,7	58,3	65,6	80,2	87,5	94,8	N/A	N/A
MXBSQ2	380x570x160	33,4	50,1	66,8	75,2	91,9	100,3	108,7	N/A	N/A
MXBSR2	380x380x270	35,8	53,8	71,7	80,7	98,6	107,6	116,6	N/A	N/A
MXBSS2	500x500x160	35,1	52,7	70,2	79	96,6	105,4	114,2	N/A	N/A
MXBST2	570x570x160	41,5	62,3	83,1	93,5	114,3	124,7	135,1	N/A	N/A
MXBSU2	570x760x200	53,9	80,9	107,9	121,3	148,3	161,8	175,3	N/A	N/A
MXBSV2	570x570x300	55,8	83,7	111,6	125,6	153,5	167,5	181,4	N/A	N/A
MXBSW2	760x950x200	72,2	108,3	144,4	162,4	198,5	216,6	234,6	N/A	N/A

		Maximum power dissipation (W) - **Tamb +45°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA2	100x120x100	4,4	7,4	10,4	11,8	14,8	16,3	17,8	N/A	N/A
MXBSB2	150x150x100	6	10	14	16	20	22	24	N/A	N/A
MXBSC2	140x200x130	7,8	13,1	18,3	20,9	26,2	28,8	31,4	N/A	N/A
MXBSD2	200x200x100	8	13,4	18,7	21,4	26,8	29,5	32,2	N/A	N/A
MXBSE2	200x200x160	10,4	17,4	24,3	27,8	34,8	38,3	41,7	N/A	N/A
MXBSF2	200x270x130	10,8	18	25,2	28,9	36,1	39,7	43,3	N/A	N/A
MXBSG2	270x270x130	12,5	20,9	29,3	33,5	41,8	46	50,2	N/A	N/A
MXBSH2	200x300x160	12,8	21,4	30	34,3	42,9	47,2	51,4	N/A	N/A
MXBSI2	280x280x160	14,4	24,1	33,7	38,5	48,2	53	57,8	N/A	N/A
MXBSJ2	200x400x160	14,5	24,2	33,9	38,7	48,4	53,3	58,1	N/A	N/A
MXBSK2	270x350x130	15,1	25,2	35,4	40,4	50,5	55,6	60,6	N/A	N/A
MXBSL2	350x350x160	18,3	30,5	42,7	48,8	61	67,1	73,2	N/A	N/A
MXBSM2	280x280x270	19,6	32,8	45,9	52,5	65,6	72,2	78,7	N/A	N/A
MXBSN2	380x380x160	22,2	37,1	52	59,4	74,3	81,7	89,1	N/A	N/A
MXBSO2	380x450x160	19,9	33,2	46,5	53,2	66,5	73,1	79,8	N/A	N/A
MXBSP2	350x500x160	21,8	36,4	51	58,3	72,9	80,2	87,5	N/A	N/A
MXBSQ2	380x570x160	25	41,8	58,5	66,8	83,6	91,9	100,3	N/A	N/A
MXBSR2	380x380x270	26,9	44,8	62,7	71,7	89,7	98,6	107,6	N/A	N/A
MXBSS2	500x500x160	26,3	43,9	61,4	70,2	87,8	96,6	105,4	N/A	N/A
MXBST2	570x570x160	31,1	51,9	72,7	83,1	103,9	114,3	124,7	N/A	N/A
MXBSU2	570x760x200	40,4	67,4	94,4	107,9	134,8	148,3	161,8	N/A	N/A
MXBSV2	570x570x300	41,8	69,7	97,7	111,6	139,5	153,5	167,5	N/A	N/A
MXBSW2	760x950x200	54,1	90,2	126,3	144,4	180,5	198,5	216,6	N/A	N/A

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TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA2	100x120x100	2,7	5,5	8,3	9,7	12,5	13,9	15,3	N/A	N/A
MXBSB2	150x150x100	4	8	12	14	18	20	22	N/A	N/A
MXBSC2	140x200x130	5,2	10,4	15,7	18,3	23,5	26,2	28,8	N/A	N/A
MXBSD2	200x200x100	5,3	10,7	16,1	18,7	24,1	26,8	29,5	N/A	N/A
MXBSE2	200x200x160	6,9	13,9	20,8	24,3	31,3	34,8	38,3	N/A	N/A
MXBSF2	200x270x130	7,2	14,4	21,6	25,2	32,5	36,1	39,7	N/A	N/A
MXBSG2	270x270x130	8,3	16,7	25,1	29,3	37,7	41,8	46	N/A	N/A
MXBSH2	200x300x160	8,5	17,1	25,7	30	38,6	42,9	47,2	N/A	N/A
MXBSI2	280x280x160	9,6	19,2	28,9	33,7	43,3	48,2	53	N/A	N/A
MXBSJ2	200x400x160	9,6	19,3	29	33,9	43,6	48,4	53,3	N/A	N/A
MXBSK2	270x350x130	10,1	20,2	30,3	35,4	45,5	50,5	55,6	N/A	N/A
MXBSL2	350x350x160	12,2	24,4	36,6	42,7	54,9	61	67,1	N/A	N/A
MXBSM2	280x280x270	13,1	26,2	39,3	45,9	59	65,6	72,2	N/A	N/A
MXBSN2	380x380x160	14,8	29,7	44,5	52	66,8	74,3	81,7	N/A	N/A
MXBSO2	380x450x160	13,3	26,6	39,9	46,5	59,8	66,5	73,1	N/A	N/A
MXBSP2	350x500x160	14,5	29,1	43,7	51	65,6	72,9	80,2	N/A	N/A
MXBSQ2	380x570x160	16,7	33,4	50,1	58,5	75,2	83,6	91,9	N/A	N/A
MXBSR2	380x380x270	17,9	35,8	53,8	62,7	80,7	89,7	98,6	N/A	N/A
MXBSS2	500x500x160	17,5	35,1	52,7	61,4	79	87,8	96,6	N/A	N/A
MXBST2	570x570x160	20,7	41,5	62,3	72,7	93,5	103,9	114,3	N/A	N/A
MXBSU2	570x760x200	26,9	53,9	80,9	94,4	121,3	134,8	148,3	N/A	N/A
MXBSV2	570x570x300	27,9	55,8	83,7	97,7	125,6	139,5	153,5	N/A	N/A
MXBSW2	760x950x200	36,1	72,2	108,3	126,3	162,4	180,5	198,5	N/A	N/A

TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA2	100x120x100	2,7	4,1	6,9	8,3	11,1	12,5	13,9	N/A	N/A
MXBSB2	150x150x100	4	6	10	12	16	18	20	N/A	N/A
MXBSC2	140x200x130	5,2	7,8	13,1	15,7	20,9	23,5	26,2	N/A	N/A
MXBSD2	200x200x100	5,3	8	13,4	16,1	21,4	24,1	26,8	N/A	N/A
MXBSE2	200x200x160	6,9	10,4	17,4	20,8	27,8	31,3	34,8	N/A	N/A
MXBSF2	200x270x130	7,2	10,8	18	21,6	28,9	32,5	36,1	N/A	N/A
MXBSG2	270x270x130	8,3	12,5	20,9	25,1	33,5	37,7	41,8	N/A	N/A
MXBSH2	200x300x160	8,5	12,8	21,4	25,7	34,3	38,6	42,9	N/A	N/A
MXBSI2	280x280x160	9,6	14,4	24,1	28,9	38,5	43,3	48,2	N/A	N/A
MXBSJ2	200x400x160	9,6	14,5	24,2	29	38,7	43,6	48,4	N/A	N/A
MXBSK2	270x350x130	10,1	15,1	25,2	30,3	40,4	45,5	50,5	N/A	N/A
MXBSL2	350x350x160	12,2	18,3	30,5	36,6	48,8	54,9	61	N/A	N/A
MXBSM2	280x280x270	13,1	19,6	32,8	39,3	52,5	59	65,6	N/A	N/A
MXBSN2	380x380x160	14,8	22,2	37,1	44,5	59,4	66,8	74,3	N/A	N/A
MXBSO2	380x450x160	13,3	19,9	33,2	39,9	53,2	59,8	66,5	N/A	N/A
MXBSP2	350x500x160	14,5	21,8	36,4	43,7	58,3	65,6	72,9	N/A	N/A
MXBSQ2	380x570x160	16,7	25	41,8	50,1	66,8	75,2	83,6	N/A	N/A
MXBSR2	380x380x270	17,9	26,9	44,8	53,8	71,7	80,7	89,7	N/A	N/A
MXBSS2	500x500x160	17,5	26,3	43,9	52,7	70,2	79	87,8	N/A	N/A
MXBST2	570x570x160	20,7	31,1	51,9	62,3	83,1	93,5	103,9	N/A	N/A
MXBSU2	570x760x200	26,9	40,4	67,4	80,9	107,9	121,3	134,8	N/A	N/A
MXBSV2	570x570x300	27,9	41,8	69,7	83,7	111,6	125,6	139,5	N/A	N/A
MXBSW2	760x950x200	36,1	54,1	90,2	108,3	144,4	162,4	180,5	N/A	N/A

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		Maximum power dissipation (W) - **Tamb +60°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA2	100x120x100	N/A	2,7	5,5	6,9	9,7	11,1	12,5	N/A	N/A
MXBSB2	150x150x100	N/A	4	8	10	14	16	18	N/A	N/A
MXBSC2	140x200x130	N/A	5,2	10,4	13,1	18,3	20,9	23,5	N/A	N/A
MXBSD2	200x200x100	N/A	5,3	10,7	13,4	18,7	21,4	24,1	N/A	N/A
MXBSE2	200x200x160	N/A	6,9	13,9	17,4	24,3	27,8	31,3	N/A	N/A
MXBSF2	200x270x130	N/A	7,2	14,4	18	25,2	28,9	32,5	N/A	N/A
MXBSG2	270x270x130	N/A	8,3	16,7	20,9	29,3	33,5	37,7	N/A	N/A
MXBSH2	200x300x160	N/A	8,5	17,1	21,4	30	34,3	38,6	N/A	N/A
MXBSI2	280x280x160	N/A	9,6	19,2	24,1	33,7	38,5	43,3	N/A	N/A
MXBSJ2	200x400x160	N/A	9,6	19,3	24,2	33,9	38,7	43,6	N/A	N/A
MXBSK2	270x350x130	N/A	10,1	20,2	25,2	35,4	40,4	45,5	N/A	N/A
MXBSL2	350x350x160	N/A	12,2	24,4	30,5	42,7	48,8	54,9	N/A	N/A
MXBSM2	280x280x270	N/A	13,1	26,2	32,8	45,9	52,5	59	N/A	N/A
MXBSN2	380x380x160	N/A	14,8	29,7	37,1	52	59,4	66,8	N/A	N/A
MXBSO2	380x450x160	N/A	13,3	26,6	33,2	46,5	53,2	59,8	N/A	N/A
MXBSP2	350x500x160	N/A	14,5	29,1	36,4	51	58,3	65,6	N/A	N/A
MXBSQ2	380x570x160	N/A	16,7	33,4	41,8	58,5	66,8	75,2	N/A	N/A
MXBSR2	380x380x270	N/A	17,9	35,8	44,8	62,7	71,7	80,7	N/A	N/A
MXBSS2	500x500x160	N/A	17,5	35,1	43,9	61,4	70,2	79	N/A	N/A
MXBST2	570x570x160	N/A	20,7	41,5	51,9	72,7	83,1	93,5	N/A	N/A
MXBSU2	570x760x200	N/A	26,9	53,9	67,4	94,4	107,9	121,3	N/A	N/A
MXBSV2	570x570x300	N/A	27,9	55,8	69,7	97,7	111,6	125,6	N/A	N/A
MXBSW2	760x950x200	N/A	36,1	72,2	90,2	126,3	144,4	162,4	N/A	N/A

Tables 2

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Model MXBS*3
(in ALUMINUM)
Ex eb IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Or
Ex ia or ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Or
Ex eb ia or eb ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(3) : Completed according to tables 3 below :

		Maximum power dissipation (W) - **Tamb +40°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA3	80x80x60	5,2	7,8	10,4	11,7	14,3	15,6	16,9	N/A	N/A
MXBSB3	80x130x60	7	10,6	14,1	15,9	19,4	21,2	23	N/A	N/A
MXBSC3	80x180x60	8,9	13,3	17,8	20	24,5	26,7	28,9	N/A	N/A
MXBSD3	80x180x80	11	16,5	22,1	24,8	30,4	33,1	35,9	N/A	N/A
MXBSE3	80x250x50	10,7	16,1	21,4	24,1	29,5	32,2	34,8	N/A	N/A
MXBSF3	80x250x80	14,2	21,4	28,5	32,1	39,2	42,8	46,4	N/A	N/A
MXBSG3	100x100x80	8,7	13	17,4	19,6	23,9	26,1	28,3	N/A	N/A
MXBSH3	100x150x80	11,1	16,6	22,2	24,9	30,5	33,3	36	N/A	N/A
MXBSI3	100x160x80	11,5	17,3	23,1	26	31,8	34,7	37,6	N/A	N/A
MXBSJ3	100x200x80	13,4	20,1	26,8	30,2	36,9	40,3	43,6	N/A	N/A
MXBSK3	120x120x80	10,8	16,2	21,6	24,3	29,7	32,4	35,1	N/A	N/A
MXBSL3	120x220x90	16,8	25,3	33,7	37,9	46,3	50,6	54,8	N/A	N/A
MXBSM3	140x140x90	13,7	20,6	27,5	31	37,9	41,3	44,8	N/A	N/A
MXBSN3	140x200x90	17,1	25,7	34,2	38,5	47,1	51,4	55,7	N/A	N/A
MXBSO3	160x160x90	17,2	25,8	34,4	38,7	47,3	51,6	55,9	N/A	N/A
MXBSP3	160x240x100	22,1	33,1	44,2	49,7	60,8	66,3	71,8	N/A	N/A
MXBSQ3	160x260x90	21,9	32,8	43,8	49,3	60,2	65,7	71,2	N/A	N/A
MXBSR3	180x180x100	19,7	29,6	39,5	44,4	54,3	59,2	64,2	N/A	N/A
MXBSS3	180x280x100	26,1	39,1	52,2	58,7	71,8	78,3	84,8	N/A	N/A
MXBST3	200x230x110	25,8	38,7	51,6	58	71	77,4	83,9	N/A	N/A
MXBSU3	200x230x180	35,5	53,3	71,1	80	97,8	106,7	115,6	N/A	N/A
MXBSV3	230x280x110	31,6	47,5	63,3	71,3	87,1	95	103	N/A	N/A
MXBSW3	230x330x120	37	55,6	74,1	83,4	101,9	111,2	120,5	N/A	N/A
MXBSX3	230x330x180	47,5	71,3	95,1	107	130,8	142,7	154,6	N/A	N/A

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		Maximum power dissipation (W) - **Tamb +45°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA3	80x80x60	3,9	6,5	9,1	10,4	13	14,3	15,6	N/A	N/A
MXBSB3	80x130x60	5,3	8,8	12,3	14,1	17,7	19,4	21,2	N/A	N/A
MXBSC3	80x180x60	6,6	11,1	15,5	17,8	22,2	24,5	26,7	N/A	N/A
MXBSD3	80x180x80	8,2	13,8	19,3	22,1	27,6	30,4	33,1	N/A	N/A
MXBSE3	80x250x50	8	13,4	18,7	21,4	26,8	29,5	32,2	N/A	N/A
MXBSF3	80x250x80	10,7	17,8	24,9	28,5	35,7	39,2	42,8	N/A	N/A
MXBSG3	100x100x80	6,5	10,8	15,2	17,4	21,7	23,9	26,1	N/A	N/A
MXBSH3	100x150x80	8,3	13,8	19,4	22,2	27,7	30,5	33,3	N/A	N/A
MXBSI3	100x160x80	8,6	14,4	20,2	23,1	28,9	31,8	34,7	N/A	N/A
MXBSJ3	100x200x80	10	16,7	23,5	26,8	33,5	36,9	40,3	N/A	N/A
MXBSK3	120x120x80	8,1	13,5	18,9	21,6	27	29,7	32,4	N/A	N/A
MXBSL3	120x220x90	12,6	21	29,5	33,7	42,1	46,3	50,6	N/A	N/A
MXBSM3	140x140x90	10,3	17,2	24,1	27,5	34,4	37,9	41,3	N/A	N/A
MXBSN3	140x200x90	12,8	21,4	30	34,2	42,8	47,1	51,4	N/A	N/A
MXBSO3	160x160x90	12,9	21,5	30,1	34,4	43	47,3	51,6	N/A	N/A
MXBSP3	160x240x100	16,5	27,6	38,7	44,2	55,3	60,8	66,3	N/A	N/A
MXBSQ3	160x260x90	16,4	27,4	38,3	43,8	54,8	60,2	65,7	N/A	N/A
MXBSR3	180x180x100	14,8	24,6	34,5	39,5	49,3	54,3	59,2	N/A	N/A
MXBSS3	180x280x100	19,5	32,6	45,7	52,2	65,2	71,8	78,3	N/A	N/A
MXBST3	200x230x110	19,3	32,2	45,1	51,6	64,5	71	77,4	N/A	N/A
MXBSU3	200x230x180	26,6	44,4	62,2	71,1	88,9	97,8	106,7	N/A	N/A
MXBSV3	230x280x110	23,7	39,6	55,4	63,3	79,2	87,1	95	N/A	N/A
MXBSW3	230x330x120	27,8	46,3	64,8	74,1	92,7	101,9	111,2	N/A	N/A
MXBSX3	230x330x180	35,6	59,4	83,2	95,1	118,9	130,8	142,7	N/A	N/A

		Maximum power dissipation (W) - **Tamb +50°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA3	80x80x60	2,6	5,2	7,8	9,1	11,7	13	14,3	N/A	N/A
MXBSB3	80x130x60	3,5	7	10,6	12,3	15,9	17,7	19,4	N/A	N/A
MXBSC3	80x180x60	4,4	8,9	13,3	15,5	20	22,2	24,5	N/A	N/A
MXBSD3	80x180x80	5,5	11	16,5	19,3	24,8	27,6	30,4	N/A	N/A
MXBSE3	80x250x50	5,3	10,7	16,1	18,7	24,1	26,8	29,5	N/A	N/A
MXBSF3	80x250x80	7,1	14,2	21,4	24,9	32,1	35,7	39,2	N/A	N/A
MXBSG3	100x100x80	4,3	8,7	13	15,2	19,6	21,7	23,9	N/A	N/A
MXBSH3	100x150x80	5,5	11,1	16,6	19,4	24,9	27,7	30,5	N/A	N/A
MXBSI3	100x160x80	5,7	11,5	17,3	20,2	26	28,9	31,8	N/A	N/A
MXBSJ3	100x200x80	6,7	13,4	20,1	23,5	30,2	33,5	36,9	N/A	N/A
MXBSK3	120x120x80	5,4	10,8	16,2	18,9	24,3	27	29,7	N/A	N/A
MXBSL3	120x220x90	8,4	16,8	25,3	29,5	37,9	42,1	46,3	N/A	N/A
MXBSM3	140x140x90	6,8	13,7	20,6	24,1	31	34,4	37,9	N/A	N/A
MXBSN3	140x200x90	8,5	17,1	25,7	30	38,5	42,8	47,1	N/A	N/A
MXBSO3	160x160x90	8,6	17,2	25,8	30,1	38,7	43	47,3	N/A	N/A
MXBSP3	160x240x100	11	22,1	33,1	38,7	49,7	55,3	60,8	N/A	N/A
MXBSQ3	160x260x90	10,9	21,9	32,8	38,3	49,3	54,8	60,2	N/A	N/A
MXBSR3	180x180x100	9,8	19,7	29,6	34,5	44,4	49,3	54,3	N/A	N/A
MXBSS3	180x280x100	13	26,1	39,1	45,7	58,7	65,2	71,8	N/A	N/A
MXBST3	200x230x110	12,9	25,8	38,7	45,1	58	64,5	71	N/A	N/A
MXBSU3	200x230x180	17,7	35,5	53,3	62,2	80	88,9	97,8	N/A	N/A
MXBSV3	230x280x110	15,8	31,6	47,5	55,4	71,3	79,2	87,1	N/A	N/A
MXBSW3	230x330x120	18,5	37	55,6	64,8	83,4	92,7	101,9	N/A	N/A
MXBSX3	230x330x180	23,7	47,5	71,3	83,2	107	118,9	130,8	N/A	N/A

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TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA3	80x80x60	2,6	3,9	6,5	7,8	10,4	11,7	13	N/A	N/A
MXBSB3	80x130x60	3,5	5,3	8,8	10,6	14,1	15,9	17,7	N/A	N/A
MXBSC3	80x180x60	4,4	6,6	11,1	13,3	17,8	20	22,2	N/A	N/A
MXBSD3	80x180x80	5,5	8,2	13,8	16,5	22,1	24,8	27,6	N/A	N/A
MXBSE3	80x250x50	5,3	8	13,4	16,1	21,4	24,1	26,8	N/A	N/A
MXBSF3	80x250x80	7,1	10,7	17,8	21,4	28,5	32,1	35,7	N/A	N/A
MXBSG3	100x100x80	4,3	6,5	10,8	13	17,4	19,6	21,7	N/A	N/A
MXBSH3	100x150x80	5,5	8,3	13,8	16,6	22,2	24,9	27,7	N/A	N/A
MXBSI3	100x160x80	5,7	8,6	14,4	17,3	23,1	26	28,9	N/A	N/A
MXBSJ3	100x200x80	6,7	10	16,7	20,1	26,8	30,2	33,5	N/A	N/A
MXBSK3	120x120x80	5,4	8,1	13,5	16,2	21,6	24,3	27	N/A	N/A
MXBSL3	120x220x90	8,4	12,6	21	25,3	33,7	37,9	42,1	N/A	N/A
MXBSM3	140x140x90	6,8	10,3	17,2	20,6	27,5	31	34,4	N/A	N/A
MXBSN3	140x200x90	8,5	12,8	21,4	25,7	34,2	38,5	42,8	N/A	N/A
MXBSO3	160x160x90	8,6	12,9	21,5	25,8	34,4	38,7	43	N/A	N/A
MXBSP3	160x240x100	11	16,5	27,6	33,1	44,2	49,7	55,3	N/A	N/A
MXBSQ3	160x260x90	10,9	16,4	27,4	32,8	43,8	49,3	54,8	N/A	N/A
MXBSR3	180x180x100	9,8	14,8	24,6	29,6	39,5	44,4	49,3	N/A	N/A
MXBSS3	180x280x100	13	19,5	32,6	39,1	52,2	58,7	65,2	N/A	N/A
MXBST3	200x230x110	12,9	19,3	32,2	38,7	51,6	58	64,5	N/A	N/A
MXBSU3	200x230x180	17,7	26,6	44,4	53,3	71,1	80	88,9	N/A	N/A
MXBSV3	230x280x110	15,8	23,7	39,6	47,5	63,3	71,3	79,2	N/A	N/A
MXBSW3	230x330x120	18,5	27,8	46,3	55,6	74,1	83,4	92,7	N/A	N/A
MXBSX3	230x330x180	23,7	35,6	59,4	71,3	95,1	107	118,9	N/A	N/A

TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA3	80x80x60	N/A	2,6	5,2	6,5	9,1	10,4	11,7	N/A	N/A
MXBSB3	80x130x60	N/A	3,5	7	8,8	12,3	14,1	15,9	N/A	N/A
MXBSC3	80x180x60	N/A	4,4	8,9	11,1	15,5	17,8	20	N/A	N/A
MXBSD3	80x180x80	N/A	5,5	11	13,8	19,3	22,1	24,8	N/A	N/A
MXBSE3	80x250x50	N/A	5,3	10,7	13,4	18,7	21,4	24,1	N/A	N/A
MXBSF3	80x250x80	N/A	7,1	14,2	17,8	24,9	28,5	32,1	N/A	N/A
MXBSG3	100x100x80	N/A	4,3	8,7	10,8	15,2	17,4	19,6	N/A	N/A
MXBSH3	100x150x80	N/A	5,5	11,1	13,8	19,4	22,2	24,9	N/A	N/A
MXBSI3	100x160x80	N/A	5,7	11,5	14,4	20,2	23,1	26	N/A	N/A
MXBSJ3	100x200x80	N/A	6,7	13,4	16,7	23,5	26,8	30,2	N/A	N/A
MXBSK3	120x120x80	N/A	5,4	10,8	13,5	18,9	21,6	24,3	N/A	N/A
MXBSL3	120x220x90	N/A	8,4	16,8	21	29,5	33,7	37,9	N/A	N/A
MXBSM3	140x140x90	N/A	6,8	13,7	17,2	24,1	27,5	31	N/A	N/A
MXBSN3	140x200x90	N/A	8,5	17,1	21,4	30	34,2	38,5	N/A	N/A
MXBSO3	160x160x90	N/A	8,6	17,2	21,5	30,1	34,4	38,7	N/A	N/A
MXBSP3	160x240x100	N/A	11	22,1	27,6	38,7	44,2	49,7	N/A	N/A
MXBSQ3	160x260x90	N/A	10,9	21,9	27,4	38,3	43,8	49,3	N/A	N/A
MXBSR3	180x180x100	N/A	9,8	19,7	24,6	34,5	39,5	44,4	N/A	N/A
MXBSS3	180x280x100	N/A	13	26,1	32,6	45,7	52,2	58,7	N/A	N/A
MXBST3	200x230x110	N/A	12,9	25,8	32,2	45,1	51,6	58	N/A	N/A
MXBSU3	200x230x180	N/A	17,7	35,5	44,4	62,2	71,1	80	N/A	N/A
MXBSV3	230x280x110	N/A	15,8	31,6	39,6	55,4	63,3	71,3	N/A	N/A
MXBSW3	230x330x120	N/A	18,5	37	46,3	64,8	74,1	83,4	N/A	N/A
MXBSX3	230x330x180	N/A	23,7	47,5	59,4	83,2	95,1	107	N/A	N/A

Tables 3

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Model MXBS*4
(in GRP HT)
Ex eb IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Or
Ex ia or ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Or
Ex eb ia or eb ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(4) : Completed according to tables 4 below :

		Maximum power dissipation (W) - **Tamb +40°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA4	80x80x60	3,5	5,2	7,0	7,8	9,6	10,4	11,3	15,1	N/A
MXBSB4	80x80x80	4,6	6,8	9,1	10,2	12,5	13,7	14,8	19,8	N/A
MXBSC4	80x110x60	4,3	6,4	8,5	9,6	11,8	12,8	13,9	18,6	N/A
MXBSD4	80x110x80	5,6	8,4	11,2	12,6	15,3	16,7	18,1	24,3	N/A
MXBSE4	80x160x60	5,8	8,7	11,6	13,0	15,9	17,4	18,8	25,2	N/A
MXBSF4	80x160x80	6,8	10,2	13,7	15,4	18,8	20,5	22,2	29,7	N/A
MXBSG4	80x190x60	6,4	9,6	12,8	14,4	17,6	19,2	20,8	27,9	N/A
MXBSH4	80x190x80	7,5	11,3	15,1	17,0	20,7	22,6	24,5	32,8	N/A
MXBSI4	80x230x60	7,2	10,8	14,4	16,2	19,8	21,6	23,4	31,3	N/A
MXBSJ4	80x230x80	8,5	12,7	16,9	19,0	23,3	25,4	27,5	36,8	N/A
MXBSK4	120x120x90	8,0	12,0	15,9	17,9	21,9	23,9	25,9	34,7	N/A
MXBSL4	120x220x90	10,8	16,2	21,6	24,3	29,7	32,4	35,1	47,0	N/A
MXBSM4	160x160x90	10,4	15,6	20,8	23,4	28,6	31,2	33,8	45,2	N/A
MXBSN4	160x260x90	13,4	20,1	26,8	30,2	36,9	40,2	43,6	58,3	N/A
MXBSO4	160x360x90	16,2	24,3	32,4	36,5	44,6	48,6	52,7	70,5	N/A
MXBSP4	160x560x90	21,4	32,0	42,7	48,1	58,7	64,1	69,4	92,9	N/A
MXBSQ4	200x200x170	18,0	26,9	35,9	40,4	49,4	53,9	58,4	78,1	N/A
MXBSR4	200x300x170	20,9	31,3	41,7	47,0	57,4	62,6	67,8	90,8	N/A
MXBSS4	250x260x120	18,8	28,2	37,6	42,4	51,8	56,5	61,2	81,9	N/A
MXBST4	250x260x160	20,8	31,1	41,5	46,7	57,1	62,3	67,5	90,3	N/A
MXBSU4	250x400x120	22,8	34,2	45,7	51,4	62,8	68,5	74,2	99,3	N/A
MXBSV4	250x400x160	26,2	39,3	52,4	58,9	72,0	78,6	85,1	113,9	N/A
MXBSW4	250x600x120	29,0	43,6	58,1	65,3	79,9	87,1	94,4	126,3	N/A
MXBSX4	300x400x200	32,2	48,4	64,5	72,6	88,7	96,7	104,8	140,3	N/A
MXBSY4	360x360x90	23,0	34,6	46,1	51,8	63,4	69,1	74,9	100,2	N/A
MXBSZ4	400x600x250	50,3	75,5	100,7	113,3	138,4	151,0	163,6	219,0	N/A
MXBSAA4	410x400x120	29,1	43,7	58,2	65,5	80,1	87,3	94,6	126,6	N/A
MXBSAB4	410x400x200	36,6	55,0	73,3	82,4	100,8	109,9	119,1	159,4	N/A

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TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +45°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA4	80x80x60	2,6	4,4	6,1	7,0	8,7	9,6	10,4	14,3	N/A
MXBSB4	80x80x80	3,4	5,7	8,0	9,1	11,4	12,5	13,7	18,7	N/A
MXBSC4	80x110x60	3,2	5,3	7,5	8,5	10,7	11,8	12,8	17,5	N/A
MXBSD4	80x110x80	4,2	7,0	9,8	11,2	13,9	15,3	16,7	22,9	N/A
MXBSE4	80x160x60	4,3	7,2	10,1	11,6	14,5	15,9	17,4	23,7	N/A
MXBSF4	80x160x80	5,1	8,5	11,9	13,7	17,1	18,8	20,5	28,0	N/A
MXBSG4	80x190x60	4,8	8,0	11,2	12,8	16,0	17,6	19,2	26,3	N/A
MXBSH4	80x190x80	5,7	9,4	13,2	15,1	18,8	20,7	22,6	30,9	N/A
MXBSI4	80x230x60	5,4	9,0	12,6	14,4	18,0	19,8	21,6	29,5	N/A
MXBSJ4	80x230x80	6,3	10,6	14,8	16,9	21,1	23,3	25,4	34,7	N/A
MXBSK4	120x120x90	6,0	10,0	14,0	15,9	19,9	21,9	23,9	32,7	N/A
MXBSL4	120x220x90	8,1	13,5	18,9	21,6	27,0	29,7	32,4	44,3	N/A
MXBSM4	160x160x90	7,8	13,0	18,2	20,8	26,0	28,6	31,2	42,6	N/A
MXBSN4	160x260x90	10,1	16,8	23,5	26,8	33,5	36,9	40,2	55,0	N/A
MXBSO4	160x360x90	12,2	20,3	28,4	32,4	40,5	44,6	48,6	66,4	N/A
MXBSP4	160x560x90	16,0	26,7	37,4	42,7	53,4	58,7	64,1	87,6	N/A
MXBSQ4	200x200x170	13,5	22,4	31,4	35,9	44,9	49,4	53,9	73,6	N/A
MXBSR4	200x300x170	15,7	26,1	36,5	41,7	52,2	57,4	62,6	85,6	N/A
MXBSS4	250x260x120	14,1	23,5	32,9	37,6	47,1	51,8	56,5	77,2	N/A
MXBST4	250x260x160	15,6	26,0	36,3	41,5	51,9	57,1	62,3	85,1	N/A
MXBSU4	250x400x120	17,1	28,5	39,9	45,7	57,1	62,8	68,5	93,6	N/A
MXBSV4	250x400x160	19,6	32,7	45,8	52,4	65,5	72,0	78,6	107,4	N/A
MXBSW4	250x600x120	21,8	36,3	50,8	58,1	72,6	79,9	87,1	119,1	N/A
MXBSX4	300x400x200	24,2	40,3	56,4	64,5	80,6	88,7	96,7	132,2	N/A
MXBSY4	360x360x90	17,3	28,8	40,3	46,1	57,6	63,4	69,1	94,5	N/A
MXBSZ4	400x600x250	37,8	62,9	88,1	100,7	125,8	138,4	151,0	206,4	N/A
MXBSAA4	410x400x120	21,8	36,4	51,0	58,2	72,8	80,1	87,3	119,4	N/A
MXBSAB4	410x400x200	27,5	45,8	64,1	73,3	91,6	100,8	109,9	150,2	N/A

TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA4	80x80x60	1,7	3,5	5,2	6,1	7,8	8,7	9,6	13,4	N/A
MXBSB4	80x80x80	2,3	4,6	6,8	8,0	10,2	11,4	12,5	17,5	N/A
MXBSC4	80x110x60	2,1	4,3	6,4	7,5	9,6	10,7	11,8	16,5	N/A
MXBSD4	80x110x80	2,8	5,6	8,4	9,8	12,6	13,9	15,3	21,5	N/A
MXBSE4	80x160x60	2,9	5,8	8,7	10,1	13,0	14,5	15,9	22,3	N/A
MXBSF4	80x160x80	3,4	6,8	10,2	11,9	15,4	17,1	18,8	26,3	N/A
MXBSG4	80x190x60	3,2	6,4	9,6	11,2	14,4	16,0	17,6	24,7	N/A
MXBSH4	80x190x80	3,8	7,5	11,3	13,2	17,0	18,8	20,7	29,0	N/A
MXBSI4	80x230x60	3,6	7,2	10,8	12,6	16,2	18,0	19,8	27,7	N/A
MXBSJ4	80x230x80	4,2	8,5	12,7	14,8	19,0	21,1	23,3	32,6	N/A
MXBSK4	120x120x90	4,0	8,0	12,0	14,0	17,9	19,9	21,9	30,7	N/A
MXBSL4	120x220x90	5,4	10,8	16,2	18,9	24,3	27,0	29,7	41,6	N/A
MXBSM4	160x160x90	5,2	10,4	15,6	18,2	23,4	26,0	28,6	40,0	N/A
MXBSN4	160x260x90	6,7	13,4	20,1	23,5	30,2	33,5	36,9	51,6	N/A
MXBSO4	160x360x90	8,1	16,2	24,3	28,4	36,5	40,5	44,6	62,4	N/A
MXBSP4	160x560x90	10,7	21,4	32,0	37,4	48,1	53,4	58,7	82,2	N/A
MXBSQ4	200x200x170	9,0	18,0	26,9	31,4	40,4	44,9	49,4	69,1	N/A
MXBSR4	200x300x170	10,4	20,9	31,3	36,5	47,0	52,2	57,4	80,4	N/A
MXBSS4	250x260x120	9,4	18,8	28,2	32,9	42,4	47,1	51,8	72,5	N/A
MXBST4	250x260x160	10,4	20,8	31,1	36,3	46,7	51,9	57,1	79,9	N/A
MXBSU4	250x400x120	11,4	22,8	34,2	39,9	51,4	57,1	62,8	87,9	N/A
MXBSV4	250x400x160	13,1	26,2	39,3	45,8	58,9	65,5	72,0	100,8	N/A
MXBSW4	250x600x120	14,5	29,0	43,6	50,8	65,3	72,6	79,9	111,8	N/A
MXBSX4	300x400x200	16,1	32,2	48,4	56,4	72,6	80,6	88,7	124,1	N/A
MXBSY4	360x360x90	11,5	23,0	34,6	40,3	51,8	57,6	63,4	88,7	N/A
MXBSZ4	400x600x250	25,2	50,3	75,5	88,1	113,3	125,8	138,4	193,8	N/A
MXBSAA4	410x400x120	14,6	29,1	43,7	51,0	65,5	72,8	80,1	112,1	N/A
MXBSAB4	410x400x200	18,3	36,6	55,0	64,1	82,4	91,6	100,8	141,1	N/A

This Annex is valid only in combination with certificate mentioned above and may only be reproduced in its entirety and without any change.

TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA4	80x80x60	1,7	2,6	4,4	5,2	7,0	7,8	8,7	12,5	N/A
MXBSB4	80x80x80	2,3	3,4	5,7	6,8	9,1	10,2	11,4	16,4	N/A
MXBSC4	80x110x60	2,1	3,2	5,3	6,4	8,5	9,6	10,7	15,4	N/A
MXBSD4	80x110x80	2,8	4,2	7,0	8,4	11,2	12,6	13,9	20,1	N/A
MXBSE4	80x160x60	2,9	4,3	7,2	8,7	11,6	13,0	14,5	20,8	N/A
MXBSF4	80x160x80	3,4	5,1	8,5	10,2	13,7	15,4	17,1	24,6	N/A
MXBSG4	80x190x60	3,2	4,8	8,0	9,6	12,8	14,4	16,0	23,1	N/A
MXBSH4	80x190x80	3,8	5,7	9,4	11,3	15,1	17,0	18,8	27,1	N/A
MXBSI4	80x230x60	3,6	5,4	9,0	10,8	14,4	16,2	18,0	25,9	N/A
MXBSJ4	80x230x80	4,2	6,3	10,6	12,7	16,9	19,0	21,1	30,4	N/A
MXBSK4	120x120x90	4,0	6,0	10,0	12,0	15,9	17,9	19,9	28,7	N/A
MXBSL4	120x220x90	5,4	8,1	13,5	16,2	21,6	24,3	27,0	38,9	N/A
MXBSM4	160x160x90	5,2	7,8	13,0	15,6	20,8	23,4	26,0	37,4	N/A
MXBSN4	160x260x90	6,7	10,1	16,8	20,1	26,8	30,2	33,5	48,3	N/A
MXBSO4	160x360x90	8,1	12,2	20,3	24,3	32,4	36,5	40,5	58,3	N/A
MXBSP4	160x560x90	10,7	16,0	26,7	32,0	42,7	48,1	53,4	76,9	N/A
MXBSQ4	200x200x170	9,0	13,5	22,4	26,9	35,9	40,4	44,9	64,6	N/A
MXBSR4	200x300x170	10,4	15,7	26,1	31,3	41,7	47,0	52,2	75,1	N/A
MXBSS4	250x260x120	9,4	14,1	23,5	28,2	37,6	42,4	47,1	67,8	N/A
MXBST4	250x260x160	10,4	15,6	26,0	31,1	41,5	46,7	51,9	74,7	N/A
MXBSU4	250x400x120	11,4	17,1	28,5	34,2	45,7	51,4	57,1	82,2	N/A
MXBSV4	250x400x160	13,1	19,6	32,7	39,3	52,4	58,9	65,5	94,3	N/A
MXBSW4	250x600x120	14,5	21,8	36,3	43,6	58,1	65,3	72,6	104,5	N/A
MXBSX4	300x400x200	16,1	24,2	40,3	48,4	64,5	72,6	80,6	116,1	N/A
MXBSY4	360x360x90	11,5	17,3	28,8	34,6	46,1	51,8	57,6	82,9	N/A
MXBSZ4	400x600x250	25,2	37,8	62,9	75,5	100,7	113,3	125,8	181,2	N/A
MXBSAA4	410x400x120	14,6	21,8	36,4	43,7	58,2	65,5	72,8	104,8	N/A
MXBSAB4	410x400x200	18,3	27,5	45,8	55,0	73,3	82,4	91,6	131,9	N/A

TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA4	80x80x60	N/A	1,7	3,5	4,4	6,1	7,0	7,8	11,7	N/A
MXBSB4	80x80x80	N/A	2,3	4,6	5,7	8,0	9,1	10,2	15,3	N/A
MXBSC4	80x110x60	N/A	2,1	4,3	5,3	7,5	8,5	9,6	14,3	N/A
MXBSD4	80x110x80	N/A	2,8	5,6	7,0	9,8	11,2	12,6	18,7	N/A
MXBSE4	80x160x60	N/A	2,9	5,8	7,2	10,1	11,6	13,0	19,4	N/A
MXBSF4	80x160x80	N/A	3,4	6,8	8,5	11,9	13,7	15,4	22,9	N/A
MXBSG4	80x190x60	N/A	3,2	6,4	8,0	11,2	12,8	14,4	21,5	N/A
MXBSH4	80x190x80	N/A	3,8	7,5	9,4	13,2	15,1	17,0	25,3	N/A
MXBSI4	80x230x60	N/A	3,6	7,2	9,0	12,6	14,4	16,2	24,1	N/A
MXBSJ4	80x230x80	N/A	4,2	8,5	10,6	14,8	16,9	19,0	28,3	N/A
MXBSK4	120x120x90	N/A	4,0	8,0	10,0	14,0	15,9	17,9	26,7	N/A
MXBSL4	120x220x90	N/A	5,4	10,8	13,5	18,9	21,6	24,3	36,2	N/A
MXBSM4	160x160x90	N/A	5,2	10,4	13,0	18,2	20,8	23,4	34,8	N/A
MXBSN4	160x260x90	N/A	6,7	13,4	16,8	23,5	26,8	30,2	44,9	N/A
MXBSO4	160x360x90	N/A	8,1	16,2	20,3	28,4	32,4	36,5	54,3	N/A
MXBSP4	160x560x90	N/A	10,7	21,4	26,7	37,4	42,7	48,1	71,5	N/A
MXBSQ4	200x200x170	N/A	9,0	18,0	22,4	31,4	35,9	40,4	60,2	N/A
MXBSR4	200x300x170	N/A	10,4	20,9	26,1	36,5	41,7	47,0	69,9	N/A
MXBSS4	250x260x120	N/A	9,4	18,8	23,5	32,9	37,6	42,4	63,1	N/A
MXBST4	250x260x160	N/A	10,4	20,8	26,0	36,3	41,5	46,7	69,6	N/A
MXBSU4	250x400x120	N/A	11,4	22,8	28,5	39,9	45,7	51,4	76,5	N/A
MXBSV4	250x400x160	N/A	13,1	26,2	32,7	45,8	52,4	58,9	87,7	N/A
MXBSW4	250x600x120	N/A	14,5	29,0	36,3	50,8	58,1	65,3	97,3	N/A
MXBSX4	300x400x200	N/A	16,1	32,2	40,3	56,4	64,5	72,6	108,0	N/A
MXBSY4	360x360x90	N/A	11,5	23,0	28,8	40,3	46,1	51,8	77,2	N/A
MXBSZ4	400x600x250	N/A	25,2	50,3	62,9	88,1	100,7	113,3	168,6	N/A
MXBSAA4	410x400x120	N/A	14,6	29,1	36,4	51,0	58,2	65,5	97,5	N/A
MXBSAB4	410x400x200	N/A	18,3	36,6	45,8	64,1	73,3	82,4	122,7	N/A

Tables 4

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CERT-ATEX-FORM 14 Rev. 01

Model MXBS*5
(in ALUMINUM HT)
Ex eb IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Or
Ex ia or ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Or
Ex eb ia or eb ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(5) : Completed according to tables 5 below :

		Maximum power dissipation (W) - **Tamb +40°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA5	80x80x60	5,2	7,8	10,4	11,7	14,3	15,6	16,9	N/A	23,4
MXBSB5	80x130x60	7	10,6	14,1	15,9	19,4	21,2	23	N/A	31,8
MXBSC5	80x180x60	8,9	13,3	17,8	20	24,5	26,7	28,9	N/A	40
MXBSD5	80x250x50	10,9	16,4	21,9	24,7	30,1	32,9	35,6	N/A	49,4
MXBSE5	100x100x80	8,7	13	17,4	19,6	23,9	26,1	28,3	N/A	39,2
MXBSF5	100x160x80	11,5	17,3	23,1	26	31,8	34,7	37,6	N/A	52
MXBSG5	100x200x80	13,4	20,1	26,8	30,2	36,9	40,3	43,6	N/A	60,4
MXBSH5	120x120x80	10,8	16,2	21,6	24,3	29,7	32,4	35,1	N/A	48,6
MXBSI5	120x120x90	11,6	17,5	23,3	26,2	32,1	35	37,9	N/A	52,5
MXBSJ5	120x220x80	15,6	23,5	31,3	35,3	43,1	47	50,9	N/A	70,6
MXBSK5	120x220x90	16,8	25,3	33,7	37,9	46,3	50,6	54,8	N/A	75,9
MXBSL5	120x360x80	22,3	33,5	44,7	50,3	61,5	67,1	72,7	N/A	100,7
MXBSM5	140x140x90	13,7	20,6	27,5	31	37,9	41,3	44,8	N/A	62
MXBSN5	140x200x90	17,1	25,7	34,2	38,5	47,1	51,4	55,7	N/A	77,1
MXBSO5	160x160x90	16,1	24,1	32,2	36,2	44,2	48,3	52,3	N/A	72,4
MXBSP5	160x260x90	21,9	32,8	43,8	49,3	60,2	65,7	71,2	N/A	98,6
MXBSQ5	160x360x90	27,5	41,3	55,1	62	75,7	82,6	89,5	N/A	124
MXBSR5	160x560x90	38,4	57,7	76,9	86,6	105,8	115,4	125	N/A	173,2
MXBSS5	180x180x100	19,7	29,6	39,5	44,4	54,3	59,2	64,2	N/A	88,8
MXBST5	180x280x100	26,1	39,1	52,2	58,7	71,8	78,3	84,8	N/A	117,5
MXBSU5	100x230x110	18,2	27,3	36,5	41	50,1	54,7	59,3	N/A	82,1
MXBSV5	200x230x110	26,1	39,1	52,2	58,7	71,7	78,3	84,8	N/A	117,4
MXBSW5	200x230x180	35,9	53,9	71,8	80,8	98,8	107,8	116,8	N/A	161,7
MXBSX5	230x280x110	31,6	47,5	63,3	71,3	87,1	95	103	N/A	142,6
MXBSY5	230x330x110	35,3	52,9	70,6	79,4	97	105,9	114,7	N/A	158,8
MXBSZ5	230x330x180	47,5	71,3	95,1	107	130,8	142,7	154,6	N/A	214,1
MXBSAA5	230x400x110	40,2	60,4	80,5	90,6	110,7	120,8	130,9	N/A	181,2
MXBSAB5	230x400x230	62,2	93,3	124,5	140	171,2	186,7	202,3	N/A	280,1
MXBSAC5	230x600x110	54,1	81,2	108,3	121,9	148,9	162,5	176	N/A	243,8
MXBSAD5	310x400x110	48,6	72,9	97,2	109,3	133,6	145,8	157,9	N/A	218,7
MXBSAE5	310x400x140	54,9	82,4	109,9	123,7	151,2	164,9	178,7	N/A	247,4
MXBSAF5	310x400x180	63,8	95,7	127,6	143,5	175,4	191,4	207,3	N/A	287,1
MXBSAG5	310x400x230	73,5	110,3	147,1	165,5	202,3	220,7	239,1	N/A	331
MXBSAH5	310x600x110	64	96	128,1	144,1	176,1	192,1	208,1	N/A	288,2
MXBSAI5	310x600x180	82,7	124,1	165,5	186,2	227,6	248,3	268,9	N/A	372,4
MXBSAJ5	600x600x200	129,1	193,7	258,3	290,5	355,1	387,4	419,7	N/A	581,1

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		Maximum power dissipation (W) - **Tamb +45°C**								
TECHNOR Type	Size in mm (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA5	80x80x60	3,9	6,5	9,1	10,4	13	14,3	15,6	N/A	22,1
MXBSB5	80x130x60	5,3	8,8	12,3	14,1	17,7	19,4	21,2	N/A	30,1
MXBSC5	80x180x60	6,6	11,1	15,5	17,8	22,2	24,5	26,7	N/A	37,8
MXBSD5	80x250x50	8,2	13,7	19,2	21,9	27,4	30,1	32,9	N/A	46,6
MXBSE5	100x100x80	6,5	10,8	15,2	17,4	21,7	23,9	26,1	N/A	37
MXBSF5	100x160x80	8,6	14,4	20,2	23,1	28,9	31,8	34,7	N/A	49,1
MXBSG5	100x200x80	10	16,7	23,5	26,8	33,5	36,9	40,3	N/A	57,1
MXBSH5	120x120x80	8,1	13,5	18,9	21,6	27	29,7	32,4	N/A	45,9
MXBSI5	120x120x90	8,7	14,6	20,4	23,3	29,2	32,1	35	N/A	49,6
MXBSJ5	120x220x80	11,7	19,6	27,4	31,3	39,2	43,1	47	N/A	66,6
MXBSK5	120x220x90	12,6	21	29,5	33,7	42,1	46,3	50,6	N/A	71,7
MXBSL5	120x360x80	16,7	27,9	39,1	44,7	55,9	61,5	67,1	N/A	95,1
MXBSM5	140x140x90	10,3	17,2	24,1	27,5	34,4	37,9	41,3	N/A	58,6
MXBSN5	140x200x90	12,8	21,4	30	34,2	42,8	47,1	51,4	N/A	72,8
MXBSO5	160x160x90	12	20,1	28,1	32,2	40,2	44,2	48,3	N/A	68,4
MXBSP5	160x260x90	16,4	27,4	38,3	43,8	54,8	60,2	65,7	N/A	93,1
MXBSQ5	160x360x90	20,6	34,4	48,2	55,1	68,9	75,7	82,6	N/A	117,1
MXBSR5	160x560x90	28,8	48,1	67,3	76,9	96,2	105,8	115,4	N/A	163,5
MXBSS5	180x180x100	14,8	24,6	34,5	39,5	49,3	54,3	59,2	N/A	83,9
MXBST5	180x280x100	19,5	32,6	45,7	52,2	65,2	71,8	78,3	N/A	110,9
MXBSU5	100x230x110	13,6	22,8	31,9	36,5	45,6	50,1	54,7	N/A	77,5
MXBSV5	200x230x110	19,5	32,6	45,6	52,2	65,2	71,7	78,3	N/A	110,9
MXBSW5	200x230x180	26,9	44,9	62,8	71,8	89,8	98,8	107,8	N/A	152,7
MXBSX5	230x280x110	23,7	39,6	55,4	63,3	79,2	87,1	95	N/A	134,6
MXBSY5	230x330x110	26,4	44,1	61,7	70,6	88,2	97	105,9	N/A	150
MXBSZ5	230x330x180	35,6	59,4	83,2	95,1	118,9	130,8	142,7	N/A	202,2
MXBSAA5	230x400x110	30,2	50,3	70,5	80,5	100,7	110,7	120,8	N/A	171,2
MXBSAB5	230x400x230	46,6	77,8	108,9	124,5	155,6	171,2	186,7	N/A	264,6
MXBSAC5	230x600x110	40,6	67,7	94,8	108,3	135,4	148,9	162,5	N/A	230,2
MXBSAD5	310x400x110	36,4	60,7	85	97,2	121,5	133,6	145,8	N/A	206,6
MXBSAE5	310x400x140	41,2	68,7	96,2	109,9	137,4	151,2	164,9	N/A	233,7
MXBSAF5	310x400x180	47,8	79,7	111,6	127,6	159,5	175,4	191,4	N/A	271,1
MXBSAG5	310x400x230	55,1	91,9	128,7	147,1	183,9	202,3	220,7	N/A	312,6
MXBSAH5	310x600x110	48	80	112	128,1	160,1	176,1	192,1	N/A	272,2
MXBSAI5	310x600x180	62	103,4	144,8	165,5	206,9	227,6	248,3	N/A	351,7
MXBSAJ5	600x600x200	96,8	161,4	226	258,3	322,8	355,1	387,4	N/A	548,8

This Annex is valid only in combination with certificate mentioned above and may only be reproduced in its entirety and without any change.

TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA5	80x80x60	2,6	5,2	7,8	9,1	11,7	13	14,3	N/A	20,8
MXBSB5	80x130x60	3,5	7	10,6	12,3	15,9	17,7	19,4	N/A	28,3
MXBSC5	80x180x60	4,4	8,9	13,3	15,5	20	22,2	24,5	N/A	35,6
MXBSD5	80x250x50	5,4	10,9	16,4	19,2	24,7	27,4	30,1	N/A	43,9
MXBSE5	100x100x80	4,3	8,7	13	15,2	19,6	21,7	23,9	N/A	34,8
MXBSF5	100x160x80	5,7	11,5	17,3	20,2	26	28,9	31,8	N/A	46,2
MXBSG5	100x200x80	6,7	13,4	20,1	23,5	30,2	33,5	36,9	N/A	53,7
MXBSH5	120x120x80	5,4	10,8	16,2	18,9	24,3	27	29,7	N/A	43,2
MXBSI5	120x120x90	5,8	11,6	17,5	20,4	26,2	29,2	32,1	N/A	46,7
MXBSJ5	120x220x80	7,8	15,6	23,5	27,4	35,3	39,2	43,1	N/A	62,7
MXBSK5	120x220x90	8,4	16,8	25,3	29,5	37,9	42,1	46,3	N/A	67,4
MXBSL5	120x360x80	11,1	22,3	33,5	39,1	50,3	55,9	61,5	N/A	89,5
MXBSM5	140x140x90	6,8	13,7	20,6	24,1	31	34,4	37,9	N/A	55,1
MXBSN5	140x200x90	8,5	17,1	25,7	30	38,5	42,8	47,1	N/A	68,5
MXBSO5	160x160x90	8	16,1	24,1	28,1	36,2	40,2	44,2	N/A	64,4
MXBSP5	160x260x90	10,9	21,9	32,8	38,3	49,3	54,8	60,2	N/A	87,6
MXBSQ5	160x360x90	13,7	27,5	41,3	48,2	62	68,9	75,7	N/A	110,2
MXBSR5	160x560x90	19,2	38,4	57,7	67,3	86,6	96,2	105,8	N/A	153,9
MXBSS5	180x180x100	9,8	19,7	29,6	34,5	44,4	49,3	54,3	N/A	79
MXBST5	180x280x100	13	26,1	39,1	45,7	58,7	65,2	71,8	N/A	104,4
MXBSU5	100x230x110	9,1	18,2	27,3	31,9	41	45,6	50,1	N/A	73
MXBSV5	200x230x110	13	26,1	39,1	45,6	58,7	65,2	71,7	N/A	104,4
MXBSW5	200x230x180	17,9	35,9	53,9	62,8	80,8	89,8	98,8	N/A	143,7
MXBSX5	230x280x110	15,8	31,6	47,5	55,4	71,3	79,2	87,1	N/A	126,7
MXBSY5	230x330x110	17,6	35,3	52,9	61,7	79,4	88,2	97	N/A	141,2
MXBSZ5	230x330x180	23,7	47,5	71,3	83,2	107	118,9	130,8	N/A	190,3
MXBSAA5	230x400x110	20,1	40,2	60,4	70,5	90,6	100,7	110,7	N/A	161,1
MXBSAB5	230x400x230	31,1	62,2	93,3	108,9	140	155,6	171,2	N/A	249
MXBSAC5	230x600x110	27	54,1	81,2	94,8	121,9	135,4	148,9	N/A	216,7
MXBSAD5	310x400x110	24,3	48,6	72,9	85	109,3	121,5	133,6	N/A	194,4
MXBSAE5	310x400x140	27,4	54,9	82,4	96,2	123,7	137,4	151,2	N/A	219,9
MXBSAF5	310x400x180	31,9	63,8	95,7	111,6	143,5	159,5	175,4	N/A	255,2
MXBSAG5	310x400x230	36,7	73,5	110,3	128,7	165,5	183,9	202,3	N/A	294,2
MXBSAH5	310x600x110	32	64	96	112	144,1	160,1	176,1	N/A	256,2
MXBSAI5	310x600x180	41,3	82,7	124,1	144,8	186,2	206,9	227,6	N/A	331
MXBSAJ5	600x600x200	64,5	129,1	193,7	226	290,5	322,8	355,1	N/A	516,6

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TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA5	80x80x60	2,6	3,9	6,5	7,8	10,4	11,7	13	N/A	19,5
MXBSB5	80x130x60	3,5	5,3	8,8	10,6	14,1	15,9	17,7	N/A	26,5
MXBSC5	80x180x60	4,4	6,6	11,1	13,3	17,8	20	22,2	N/A	33,4
MXBSD5	80x250x50	5,4	8,2	13,7	16,4	21,9	24,7	27,4	N/A	41,1
MXBSE5	100x100x80	4,3	6,5	10,8	13	17,4	19,6	21,7	N/A	32,6
MXBSF5	100x160x80	5,7	8,6	14,4	17,3	23,1	26	28,9	N/A	43,3
MXBSG5	100x200x80	6,7	10	16,7	20,1	26,8	30,2	33,5	N/A	50,3
MXBSH5	120x120x80	5,4	8,1	13,5	16,2	21,6	24,3	27	N/A	40,5
MXBSI5	120x120x90	5,8	8,7	14,6	17,5	23,3	26,2	29,2	N/A	43,8
MXBSJ5	120x220x80	7,8	11,7	19,6	23,5	31,3	35,3	39,2	N/A	58,8
MXBSK5	120x220x90	8,4	12,6	21	25,3	33,7	37,9	42,1	N/A	63,2
MXBSL5	120x360x80	11,1	16,7	27,9	33,5	44,7	50,3	55,9	N/A	83,9
MXBSM5	140x140x90	6,8	10,3	17,2	20,6	27,5	31	34,4	N/A	51,7
MXBSN5	140x200x90	8,5	12,8	21,4	25,7	34,2	38,5	42,8	N/A	64,3
MXBSO5	160x160x90	8	12	20,1	24,1	32,2	36,2	40,2	N/A	60,4
MXBSP5	160x260x90	10,9	16,4	27,4	32,8	43,8	49,3	54,8	N/A	82,2
MXBSQ5	160x360x90	13,7	20,6	34,4	41,3	55,1	62	68,9	N/A	103,3
MXBSR5	160x560x90	19,2	28,8	48,1	57,7	76,9	86,6	96,2	N/A	144,3
MXBSS5	180x180x100	9,8	14,8	24,6	29,6	39,5	44,4	49,3	N/A	74
MXBST5	180x280x100	13	19,5	32,6	39,1	52,2	58,7	65,2	N/A	97,9
MXBSU5	100x230x110	9,1	13,6	22,8	27,3	36,5	41	45,6	N/A	68,4
MXBSV5	200x230x110	13	19,5	32,6	39,1	52,2	58,7	65,2	N/A	97,9
MXBSW5	200x230x180	17,9	26,9	44,9	53,9	71,8	80,8	89,8	N/A	134,7
MXBSX5	230x280x110	15,8	23,7	39,6	47,5	63,3	71,3	79,2	N/A	118,8
MXBSY5	230x330x110	17,6	26,4	44,1	52,9	70,6	79,4	88,2	N/A	132,3
MXBSZ5	230x330x180	23,7	35,6	59,4	71,3	95,1	107	118,9	N/A	178,4
MXBSAA5	230x400x110	20,1	30,2	50,3	60,4	80,5	90,6	100,7	N/A	151
MXBSAB5	230x400x230	31,1	46,6	77,8	93,3	124,5	140	155,6	N/A	233,4
MXBSAC5	230x600x110	27	40,6	67,7	81,2	108,3	121,9	135,4	N/A	203,1
MXBSAD5	310x400x110	24,3	36,4	60,7	72,9	97,2	109,3	121,5	N/A	182,3
MXBSAE5	310x400x140	27,4	41,2	68,7	82,4	109,9	123,7	137,4	N/A	206,2
MXBSAF5	310x400x180	31,9	47,8	79,7	95,7	127,6	143,5	159,5	N/A	239,2
MXBSAG5	310x400x230	36,7	55,1	91,9	110,3	147,1	165,5	183,9	N/A	275,8
MXBSAH5	310x600x110	32	48	80	96	128,1	144,1	160,1	N/A	240,1
MXBSAI5	310x600x180	41,3	62	103,4	124,1	165,5	186,2	206,9	N/A	310,3
MXBSAJ5	600x600x200	64,5	96,8	161,4	193,7	258,3	290,5	322,8	N/A	484,3

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TECHNOR Type	Size in mm (l x L x H)	Maximum power dissipation (W) - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100° C)	Int. Temp. 95°C (T5/T100° C)	Int. Temp. 100°C (T4/T135° C)	Int. Temp. 105°C (T4/T135° C)	Int. Temp. 127°C (T4/T135° C)	Int. Temp. 130°C (T4/T135° C)
MXBSA5	80x80x60	N/A	2,6	5,2	6,5	9,1	10,4	11,7	N/A	18,2
MXBSB5	80x130x60	N/A	3,5	7	8,8	12,3	14,1	15,9	N/A	24,7
MXBSC5	80x180x60	N/A	4,4	8,9	11,1	15,5	17,8	20,0	N/A	31,1
MXBSD5	80x250x50	N/A	5,4	10,9	13,7	19,2	21,9	24,7	N/A	38,4
MXBSE5	100x100x80	N/A	4,3	8,7	10,8	15,2	17,4	19,6	N/A	30,4
MXBSF5	100x160x80	N/A	5,7	11,5	14,4	20,2	23,1	26,0	N/A	40,5
MXBSG5	100x200x80	N/A	6,7	13,4	16,7	23,5	26,8	30,2	N/A	47
MXBSH5	120x120x80	N/A	5,4	10,8	13,5	18,9	21,6	24,3	N/A	37,8
MXBSI5	120x120x90	N/A	5,8	11,6	14,6	20,4	23,3	26,2	N/A	40,8
MXBSJ5	120x220x80	N/A	7,8	15,6	19,6	27,4	31,3	35,3	N/A	54,9
MXBSK5	120x220x90	N/A	8,4	16,8	21	29,5	33,7	37,9	N/A	59
MXBSL5	120x360x80	N/A	11,1	22,3	27,9	39,1	44,7	50,3	N/A	78,3
MXBSM5	140x140x90	N/A	6,8	13,7	17,2	24,1	27,5	31,0	N/A	48,2
MXBSN5	140x200x90	N/A	8,5	17,1	21,4	30,0	34,2	38,5	N/A	60
MXBSO5	160x160x90	N/A	8	16,1	20,1	28,1	32,2	36,2	N/A	56,3
MXBSP5	160x260x90	N/A	10,9	21,9	27,4	38,3	43,8	49,3	N/A	76,7
MXBSQ5	160x360x90	N/A	13,7	27,5	34,4	48,2	55,1	62,0	N/A	96,4
MXBSR5	160x560x90	N/A	19,2	38,4	48,1	67,3	76,9	86,6	N/A	134,7
MXBSS5	180x180x100	N/A	9,8	19,7	24,6	34,5	39,5	44,4	N/A	69,1
MXBST5	180x280x100	N/A	13	26,1	32,6	45,7	52,2	58,7	N/A	91,4
MXBSU5	100x230x110	N/A	9,1	18,2	22,8	31,9	36,5	41,0	N/A	63,8
MXBSV5	200x230x110	N/A	13	26,1	32,6	45,6	52,2	58,7	N/A	91,3
MXBSW5	200x230x180	N/A	17,9	35,9	44,9	62,8	71,8	80,8	N/A	125,7
MXBSX5	230x280x110	N/A	15,8	31,6	39,6	55,4	63,3	71,3	N/A	110,9
MXBSY5	230x330x110	N/A	17,6	35,3	44,1	61,7	70,6	79,4	N/A	123,5
MXBSZ5	230x330x180	N/A	23,7	47,5	59,4	83,2	95,1	107,0	N/A	166,5
MXBSAA5	230x400x110	N/A	20,1	40,2	50,3	70,5	80,5	90,6	N/A	141
MXBSAB5	230x400x230	N/A	31,1	62,2	77,8	108,9	124,5	140,0	N/A	217,9
MXBSAC5	230x600x110	N/A	27	54,1	67,7	94,8	108,3	121,9	N/A	189,6
MXBSAD5	310x400x110	N/A	24,3	48,6	60,7	85,0	97,2	109,3	N/A	170,1
MXBSAE5	310x400x140	N/A	27,4	54,9	68,7	96,2	109,9	123,7	N/A	192,4
MXBSAF5	310x400x180	N/A	31,9	63,8	79,7	111,6	127,6	143,5	N/A	223,3
MXBSAG5	310x400x230	N/A	36,7	73,5	91,9	128,7	147,1	165,5	N/A	257,4
MXBSAH5	310x600x110	N/A	32	64	80	112,0	128,1	144,1	N/A	224,1
MXBSAI5	310x600x180	N/A	41,3	82,7	103,4	144,8	165,5	186,2	N/A	289,6
MXBSAJ5	600x600x200	N/A	64,5	129,1	161,4	226,0	258,3	290,5	N/A	452

Tables 5

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RANGE DETAILS

MXBS * * * S …

- … : Incremented according to the request — (ex : 040 : 40th request)
- * : Type of socket outlet & inlet
  - A : DXN1
  - B : DXN3
  - C : DXN6
  - D : PXN12C
  - E : DXN25C
  - F : DXN37C
  - G : SPeX
  - H : PNCX
  - I : DXA1
- * : Material:
  - 1 : GRP
  - 2 : Stainless steel
  - 3 : Aluminum
  - 4 : GRP HT
  - 5 : Aluminum HT
- * : Size of the enclosure: A….ZZ
- MXBS : Type

RATINGS

For Ex eb : Umax = 1000 V AC/DC; Imax = 376 A* (when use of terminals) or 680 A* (direct wiring with the inlet & socket)
For Ex ia / Ex ib : Ui ≤ 750 V ; Ii ≤ 400 A*
For Ex eb ia / Ex eb ib : Ui ≤ 750 V ; Um ≤ 750 V ; Ii ≤ 400 A*
Pmax = See tables 1, 2, 3, 4 and 5 in marking

* The electrical parameters must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

ROUTINE TESTS

For models of protection type Ex e, each equipment shall be submitted to a dielectric strength test in accordance with clause 7.1 of the IEC 60079-7 standard.

Additional test for models in intrinsic safety version :
Insulation between intrinsically safe and non-intrinsically safe circuits, or different intrinsically safe circuits, or an intrinsically safe circuit and earthed frame or metal parts shall be capable of complying with dielectric strength tests in §6.3.13 of IEC 60079-11 standard.

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ATTESTATION D'EXAMEN UE DE TYPE
EU TYPE EXAMINATION CERTIFICATE

1 **Version : 00** — **LCIE 17 ATEX 3005 X** — **Issue : 00**

Directive 2014/34/UE / **Directive 2014/34/EU**

2 Appareil ou Système de Protection destiné à être utilisé en Atmosphères Explosibles / Equipment or Protective System Intended for use in Potentially Explosive Atmospheres

3 Produit : **Boitier de prise** / Product : **Box with socket-outlet & inlet**

Type: MXBS

4 Fabricant : / Manufacturer :

TECHNOR ITALSMEA S.p.A.

5 Adresse : / Address :

Via Italia, 33
20060 Gessate (MI)
ITALY

6 Ce produit et ses variantes éventuelles acceptées sont décrits dans l'annexe de la présente attestation et dans les documents descriptifs cités en référence. / This product any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

7 Le LCIE, Organisme Notifié sous la référence 0081 conformément à l'article 17 de la directive 2014/34/UE du Parlement européen et du Conseil du 26 février 2014, certifie que ce produit est conforme aux Exigences Essentielles de Sécurité et de Santé pour la conception et la construction de produits destinés à être utilisés en atmosphères explosibles, données dans l'annexe II de la Directive.
Les résultats des vérifications et essais figurent dans le(s) rapport(s) confidentiel(s) N° : / LCIE, Notified Body number 0081 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014 certifies that product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive.
The examination and test results are recorded in confidential report(s) N°:

143602-690487

8 Le respect des Exigences Essentielles de Sécurité et de Santé est assuré par la conformité à : / Compliance with the Essential Health and Safety Requirements has been assured by compliance with :

EN 60079-0:2012+A11:2013 ; EN 60079-7:2015 ; EN 60079-11:2012 ; EN 60079-31:2014

9 Le signe « X » lorsqu'il est placé à la suite du numéro de l'attestation, indique que cet appareil est soumis aux conditions particulières d'utilisation, mentionnées dans l'annexe de cette attestation. / If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

10 Cette Attestation d'Examen UE de Type concerne uniquement la conception et la construction du produit spécifié.
Des exigences supplémentaires de la directive sont applicables pour la fabrication et la fourniture du produit. Ces dernières ne sont pas couvertes par la présente attestation. / This EU Type Examination Certificate relates only to the design and construction of the specified product.
Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

11 Le marquage du produit est mentionné dans l'annexe de cette attestation. / The marking of the product is specified in the schedule to this certificate.

Fontenay-aux-Roses, le 3 mai 2017

Responsable de Certification
Certification Officer
Julien Gauthier

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 363 174
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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

12 DESCRIPTION DU PRODUIT

Cet équipement est un boitier de prises.

Il est équipé d'une boite de jonction certifiée MXBJ** (LCIE 11 ATEX 3028 X) et d'une ou plusieurs prises certifiées : DXN1 (LCIE 99 ATEX 6027 X), DXN3 (LCIE 05 ATEX 6149), DXN6 (LCIE 05 ATEX 6150), PXN12C (LCIE 07 ATEX 6070 X), DXN25C (LCIE 09 ATEX 3050 X), DXN37C (LCIE 07 ATEX 6071 X), SPeX (LCIE 07 ATEX 6073 X), DXA1 (LCIE 15 ATEX 3033 X) et PNCX (LCIE 16 ATEX 3001 X).

Les prises peuvent être montées avec ou sans manchon sur la boite de jonction et différents types de prises peuvent être montées sur la même enveloppe.

La boite de jonction peut être équipée uniquement des bornes qui sont incluses dans le certificat du MXBJ ou sans bornes.

Pour modèles en version sécurité intrinsèque :
Selon l'usage prévu, la boite de jonction peut contenir des circuits de sécurité non-intrinsèque et/ou des circuits de sécurité intrinsèque et/ou une ou plusieurs prises certifiées de sécurité intrinsèque type PXN12C, DXN25C et DXN37C

Paramètres électriques :
Ex eb : U_{max} = 1000 V AC/DC ; I_{max} = 376 A* (lors de l'utilisation de bornes) or 680 A* (en câblage direct avec la prise)
Ex ia / Ex ib : $U_i \leq 750$ V ; $I_i \leq 400$ A*
Ex eb ia / Ex eb ib : $U_i \leq 750$ V ; $U_m \leq 750$ V ; $I_i \leq 400$ A*
Pmax = Voir tableaux 1, 2, 3, 4 and 5 dans marquage

* Les paramètres électriques doivent être réduits, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

DESCRIPTION OF PRODUCT

The equipment is a box with socket outlets & inlets.

It is equipped with a certified junction box MXBJ** (LCIE 11 ATEX 3028 X) and one or more certified socket outlets & inlets or inlets : DXN1 (LCIE 99 ATEX 6027 X), DXN3 (LCIE 05 ATEX 6149), DXN6 (LCIE 05 ATEX 6150), PXN12C (LCIE 07 ATEX 6070 X), DXN25C (LCIE 09 ATEX 3050 X), DXN37C (LCIE 07 ATEX 6071 X), SPeX (LCIE 07 ATEX 6073 X), DXA1 (LCIE 15 ATEX 3033 X) and PNCX (LCIE 16 ATEX 3001 X).

The socket outlets & inlets or the inlets can be mounted with or without an inclined sleeve on the junction box and could be mixed.

The junction box can be only equipped with terminals that are already included in the MXBJ's certificate or without terminals

For models in intrinsic safety version :
According to the intended used, the junction box can contain non-intrinsic safety circuits and/or intrinsic safety circuits and/or one or more intrinsic safety certified socket outlets & inlets type PXN12C, DXN25C and DXN37C

Electrical parameters :
Ex eb : U_{max} = 1000 V AC/DC ; I_{max} = 376 A* (when use of terminals) or 680 A* (direct wiring with the inlet and socket)
Ex ia / Ex ib : $U_i \leq 750$ V ; $I_i \leq 400$ A*
Ex eb ia / Ex eb ib : $U_i \leq 750$ V ; $U_m \leq 750$ V ; $I_i \leq 400$ A*
Pmax = See tables 1, 2, 3, 4 and 5 in marking

* The electrical parameters must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

DETAIL DE LA GAMME / RANGE DETAILS

MXBS * * * S …

- … : Incrémenté selon la demande / *Incremented according to the request :* (Ex : 040 : 40ème demande / *ex : 040 : 40th request*)
- * : Type de prise / *Type of socket outlet & inlet* :
  - A : DXN1
  - B : DXN3
  - C : DXN6
  - D : PXN12C
  - E : DXN25C
  - F : DXN37C
  - G : SPeX
  - H : PNCX
  - I : DXA1
- * : Matériel / *Material* :
  - 1 : GRP / GRP
  - 2 : Acier inoxydable / Stainless steel
  - 3 : Aluminium / Aluminum
  - 4 : GRP HT / GRP HT
  - 5 : Aluminum HT / Aluminum HT
- * : Taille de l'enveloppe / *Size of the enclosure* : A….ZZ
- MXBS : Type

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MARQUAGE

Le marquage du produit doit comprendre :

Technor Italsmea S.p.A.
Adresse : …
Type : MXBS (0)
N° de fabrication : …
Année de fabrication : …
LCIE 17 ATEX 3005 X
AVERTISSEMENT – NE PAS OUVRIR SOUS TENSION

(0) : Complété par modèle défini dans détail de la gamme.

Le marquage général ci-dessus doit être complété par :

Model MXBS*1
(en GRP)

Ⓔx II 2 G D
Ex eb IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Ou

Ⓔx II 2 G D
Ex ia ou ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Ou

Ⓔx II 2 G D
Ex eb ia ou eb ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*

* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(1) : Complété selon tableaux 1 ci-dessous :

MARKING

The marking of the product shall include the following :

Technor Italsmea S.p.A.
Address : …
Type : MXBS (0)
Serial number : …
Year of construction : …
LCIE 17 ATEX 3005 X
WARNING – DO NOT OPEN WHEN ENERGIZED

(0): Completed with model defined in range detail.

The above general marking shall be completed with :

Model MXBS*1
(in GRP)

Ⓔx II 2 G D
Ex eb IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Or

Ⓔx II 2 G D
Ex ia or ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Or

Ⓔx II 2 G D
Ex eb ia or eb ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(1) : Completed according to tables 1 below :

		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	3,4	5,2	6,9	7,8	9,5	10,4	11,3	N/A	N/A
MXBSB1	80x80x80	4,5	6,8	9,1	10,2	12,5	13,6	14,7	N/A	N/A
MXBSC1	80x110x60	4,2	6,4	8,5	9,6	11,7	12,8	13,8	N/A	N/A
MXBSD1	80x160x60	5,7	8,6	11,5	13,0	15,9	17,3	18,8	N/A	N/A
MXBSE1	80x190x60	6,4	9,6	12,8	14,4	17,6	19,2	20,8	N/A	N/A
MXBSF1	120x120x90	7,9	11,9	15,9	17,9	21,9	23,9	25,9	N/A	N/A
MXBSG1	120x220x90	10,8	16,2	21,6	24,3	29,7	32,4	35,1	N/A	N/A
MXBSH1	160x160x90	10,3	15,5	20,7	23,3	28,5	31,1	33,7	N/A	N/A
MXBSI1	160x260x90	13,4	20,1	26,8	30,1	36,8	40,2	43,5	N/A	N/A
MXBSJ1	160x360x90	16,2	24,3	32,4	36,4	44,5	48,6	52,6	N/A	N/A
MXBSK1	250x260x120	18,8	28,2	37,6	42,3	51,7	56,4	61,1	N/A	N/A
MXBSL1	250x260x160	21,7	32,6	43,5	49,0	59,9	65,3	70,8	N/A	N/A
MXBSM1	250x400x120	23,9	35,9	47,9	53,9	65,9	71,8	77,8	N/A	N/A
MXBSN1	250x400x160	27,4	41,2	54,9	61,8	75,6	82,4	89,3	N/A	N/A
MXBSO1	250x600x120	29,0	43,5	58,0	65,3	79,8	87,1	94,3	N/A	N/A
MXBSP1	410x400x120	29,1	43,6	58,2	65,5	80,0	87,3	94,6	N/A	N/A
MXBSQ1	410x400x160	32,9	49,4	65,9	74,1	90,6	98,8	107,0	N/A	N/A

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	2,6	4,3	6	6,9	8,7	9,5	10,4	N/A	N/A
MXBSB1	80x80x80	3,4	5,6	7,9	9,1	11,3	12,5	13,6	N/A	N/A
MXBSC1	80x110x60	3,2	5,3	7,4	8,5	10,6	11,7	12,8	N/A	N/A
MXBSD1	80x160x60	4,3	7,2	10,1	11,5	14,4	15,9	17,3	N/A	N/A
MXBSE1	80x190x60	4,8	8	11,2	12,8	16	17,6	19,2	N/A	N/A
MXBSF1	120x120x90	5,9	9,9	13,9	15,9	19,9	21,9	23,9	N/A	N/A
MXBSG1	120x220x90	8,1	13,5	18,9	21,6	27	29,7	32,4	N/A	N/A
MXBSH1	160x160x90	7,7	12,9	18,1	20,7	25,9	28,5	31,1	N/A	N/A
MXBSI1	160x260x90	10	16,7	23,4	26,8	33,5	36,8	40,2	N/A	N/A
MXBSJ1	160x360x90	12,1	20,2	28,3	32,4	40,5	44,5	48,6	N/A	N/A
MXBSK1	250x260x120	14,1	23,5	32,9	37,6	47	51,7	56,4	N/A	N/A
MXBSL1	250x260x160	16,3	27,2	38,1	43,5	54,4	59,9	65,3	N/A	N/A
MXBSM1	250x400x120	17,9	29,9	41,9	47,9	59,9	65,9	71,8	N/A	N/A
MXBSN1	250x400x160	20,6	34,3	48,1	54,9	68,7	75,6	82,4	N/A	N/A
MXBSO1	250x600x120	21,7	36,3	50,8	58	72,6	79,8	87,1	N/A	N/A
MXBSP1	410x400x120	21,8	36,3	50,9	58,2	72,7	80	87,3	N/A	N/A
MXBSQ1	410x400x160	24,7	41,1	57,6	65,9	82,3	90,6	98,8	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	1,7	3,4	5,2	6	7,8	8,7	9,5	N/A	N/A
MXBSB1	80x80x80	2,2	4,5	6,8	7,9	10,2	11,3	12,5	N/A	N/A
MXBSC1	80x110x60	2,1	4,2	6,4	7,4	9,6	10,6	11,7	N/A	N/A
MXBSD1	80x160x60	2,8	5,7	8,6	10,1	13	14,4	15,9	N/A	N/A
MXBSE1	80x190x60	3,2	6,4	9,6	11,2	14,4	16	17,6	N/A	N/A
MXBSF1	120x120x90	3,9	7,9	11,9	13,9	17,9	19,9	21,9	N/A	N/A
MXBSG1	120x220x90	5,4	10,8	16,2	18,9	24,3	27	29,7	N/A	N/A
MXBSH1	160x160x90	5,1	10,3	15,5	18,1	23,3	25,9	28,5	N/A	N/A
MXBSI1	160x260x90	6,7	13,4	20,1	23,4	30,1	33,5	36,8	N/A	N/A
MXBSJ1	160x360x90	8,1	16,2	24,3	28,3	36,4	40,5	44,5	N/A	N/A
MXBSK1	250x260x120	9,4	18,8	28,2	32,9	42,3	47	51,7	N/A	N/A
MXBSL1	250x260x160	10,8	21,7	32,6	38,1	49	54,4	59,9	N/A	N/A
MXBSM1	250x400x120	11,9	23,9	35,9	41,9	53,9	59,9	65,9	N/A	N/A
MXBSN1	250x400x160	13,7	27,4	41,2	48,1	61,8	68,7	75,6	N/A	N/A
MXBSO1	250x600x120	14,5	29	43,5	50,8	65,3	72,6	79,8	N/A	N/A
MXBSP1	410x400x120	14,5	29,1	43,6	50,9	65,5	72,7	80	N/A	N/A
MXBSQ1	410x400x160	16,4	32,9	49,4	57,6	74,1	82,3	90,6	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	1,7	2,6	4,3	5,2	6,9	7,8	8,7	N/A	N/A
MXBSB1	80x80x80	2,2	3,4	5,6	6,8	9,1	10,2	11,3	N/A	N/A
MXBSC1	80x110x60	2,1	3,2	5,3	6,4	8,5	9,6	10,6	N/A	N/A
MXBSD1	80x160x60	2,8	4,3	7,2	8,6	11,5	13	14,4	N/A	N/A
MXBSE1	80x190x60	3,2	4,8	8	9,6	12,8	14,4	16	N/A	N/A
MXBSF1	120x120x90	3,9	5,9	9,9	11,9	15,9	17,9	19,9	N/A	N/A
MXBSG1	120x220x90	5,4	8,1	13,5	16,2	21,6	24,3	27	N/A	N/A
MXBSH1	160x160x90	5,1	7,7	12,9	15,5	20,7	23,3	25,9	N/A	N/A
MXBSI1	160x260x90	6,7	10	16,7	20,1	26,8	30,1	33,5	N/A	N/A
MXBSJ1	160x360x90	8,1	12,1	20,2	24,3	32,4	36,4	40,5	N/A	N/A
MXBSK1	250x260x120	9,4	14,1	23,5	28,2	37,6	42,3	47	N/A	N/A
MXBSL1	250x260x160	10,8	16,3	27,2	32,6	43,5	49	54,4	N/A	N/A
MXBSM1	250x400x120	11,9	17,9	29,9	35,9	47,9	53,9	59,9	N/A	N/A
MXBSN1	250x400x160	13,7	20,6	34,3	41,2	54,9	61,8	68,7	N/A	N/A
MXBSO1	250x600x120	14,5	21,7	36,3	43,5	58	65,3	72,6	N/A	N/A
MXBSP1	410x400x120	14,5	21,8	36,3	43,6	58,2	65,5	72,7	N/A	N/A
MXBSQ1	410x400x160	16,4	24,7	41,1	49,4	65,9	74,1	82,3	N/A	N/A

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TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	N/A	1,7	3,4	4,3	6	6,9	7,8	N/A	N/A
MXBSB1	80x80x80	N/A	2,2	4,5	5,6	7,9	9,1	10,2	N/A	N/A
MXBSC1	80x110x60	N/A	2,1	4,2	5,3	7,4	8,5	9,6	N/A	N/A
MXBSD1	80x160x60	N/A	2,8	5,7	7,2	10,1	11,5	13	N/A	N/A
MXBSE1	80x190x60	N/A	3,2	6,4	8	11,2	12,8	14,4	N/A	N/A
MXBSF1	120x120x90	N/A	3,9	7,9	9,9	13,9	15,9	17,9	N/A	N/A
MXBSG1	120x220x90	N/A	5,4	10,8	13,5	18,9	21,6	24,3	N/A	N/A
MXBSH1	160x160x90	N/A	5,1	10,3	12,9	18,1	20,7	23,3	N/A	N/A
MXBSI1	160x260x90	N/A	6,7	13,4	16,7	23,4	26,8	30,1	N/A	N/A
MXBSJ1	160x360x90	N/A	8,1	16,2	20,2	28,3	32,4	36,4	N/A	N/A
MXBSK1	250x260x120	N/A	9,4	18,8	23,5	32,9	37,6	42,3	N/A	N/A
MXBSL1	250x260x160	N/A	10,8	21,7	27,2	38,1	43,5	49	N/A	N/A
MXBSM1	250x400x120	N/A	11,9	23,9	29,9	41,9	47,9	53,9	N/A	N/A
MXBSN1	250x400x160	N/A	13,7	27,4	34,3	48,1	54,9	61,8	N/A	N/A
MXBSO1	250x600x120	N/A	14,5	29	36,3	50,8	58	65,3	N/A	N/A
MXBSP1	410x400x120	N/A	14,5	29,1	36,3	50,9	58,2	65,5	N/A	N/A
MXBSQ1	410x400x160	N/A	16,4	32,9	41,1	57,6	65,9	74,1	N/A	N/A

Tableaux 1 / *tables 1*

Model MXBS*2
(en ACIER INOXYDABLE)

Ⓔx II 2 G D
Ex eb IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Ou

Ⓔx II 2 G D
Ex ia ou ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Ou

Ⓔx II 2 G D
Ex eb ia ou eb ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*

Model MXBS*2
(in STAINLESS STEEL)

Ⓔx II 2 G D
Ex eb IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Or

Ⓔx II 2 G D
Ex ia or ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Or

Ⓔx II 2 G D
Ex eb ia or eb ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*

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* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(2) : Complété selon tableaux 2 ci-dessous :

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(2) : Completed according to tables 2 below :

		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	5,5	8,3	11,1	12,5	15,3	16,7	18,1	N/A	N/A
MXBSB2	150x150x100	8	12	16	18	22	24	26,1	N/A	N/A
MXBSC2	140x200x130	10,4	15,7	20,9	23,5	28,8	31,4	34	N/A	N/A
MXBSD2	200x200x100	10,7	16,1	21,4	24,1	29,5	32,2	34,8	N/A	N/A
MXBSE2	200x200x160	13,9	20,8	27,8	31,3	38,3	41,7	45,2	N/A	N/A
MXBSF2	200x270x130	14,4	21,6	28,9	32,5	39,7	43,3	46,9	N/A	N/A
MXBSG2	270x270x130	16,7	25,1	33,5	37,7	46	50,2	54,4	N/A	N/A
MXBSH2	200x300x160	17,1	25,7	34,3	38,6	47,2	51,4	55,7	N/A	N/A
MXBSI2	280x280x160	19,2	28,9	38,5	43,3	53	57,8	62,6	N/A	N/A
MXBSJ2	200x400x160	19,3	29	38,7	43,6	53,3	58,1	63	N/A	N/A
MXBSK2	270x350x130	20,2	30,3	40,4	45,5	55,6	60,6	65,7	N/A	N/A
MXBSL2	350x350x160	24,4	36,6	48,8	54,9	67,1	73,2	79,3	N/A	N/A
MXBSM2	280x280x270	26,2	39,3	52,5	59	72,2	78,7	85,3	N/A	N/A
MXBSN2	380x380x160	29,7	44,5	59,4	66,8	81,7	89,1	96,6	N/A	N/A
MXBSO2	380x450x160	26,6	39,9	53,2	59,8	73,1	79,8	86,5	N/A	N/A
MXBSP2	350x500x160	29,1	43,7	58,3	65,6	80,2	87,5	94,8	N/A	N/A
MXBSQ2	380x570x160	33,4	50,1	66,8	75,2	91,9	100,3	108,7	N/A	N/A
MXBSR2	380x380x270	35,8	53,8	71,7	80,7	98,6	107,6	116,6	N/A	N/A
MXBSS2	500x500x160	35,1	52,7	70,2	79	96,6	105,4	114,2	N/A	N/A
MXBST2	570x570x160	41,5	62,3	83,1	93,5	114,3	124,7	135,1	N/A	N/A
MXBSU2	570x760x200	53,9	80,9	107,9	121,3	148,3	161,8	175,3	N/A	N/A
MXBSV2	570x570x300	55,8	83,7	111,6	125,6	153,5	167,5	181,4	N/A	N/A
MXBSW2	760x950x200	72,2	108,3	144,4	162,4	198,5	216,6	234,6	N/A	N/A

		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	4,4	7,4	10,4	11,8	14,8	16,3	17,8	N/A	N/A
MXBSB2	150x150x100	6	10	14	16	20	22	24	N/A	N/A
MXBSC2	140x200x130	7,8	13,1	18,3	20,9	26,2	28,8	31,4	N/A	N/A
MXBSD2	200x200x100	8	13,4	18,7	21,4	26,8	29,5	32,2	N/A	N/A
MXBSE2	200x200x160	10,4	17,4	24,3	27,8	34,8	38,3	41,7	N/A	N/A
MXBSF2	200x270x130	10,8	18	25,2	28,9	36,1	39,7	43,3	N/A	N/A
MXBSG2	270x270x130	12,5	20,9	29,3	33,5	41,8	46	50,2	N/A	N/A
MXBSH2	200x300x160	12,8	21,4	30	34,3	42,9	47,2	51,4	N/A	N/A
MXBSI2	280x280x160	14,4	24,1	33,7	38,5	48,2	53	57,8	N/A	N/A
MXBSJ2	200x400x160	14,5	24,2	33,9	38,7	48,4	53,3	58,1	N/A	N/A
MXBSK2	270x350x130	15,1	25,2	35,4	40,4	50,5	55,6	60,6	N/A	N/A
MXBSL2	350x350x160	18,3	30,5	42,7	48,8	61	67,1	73,2	N/A	N/A
MXBSM2	280x280x270	19,6	32,8	45,9	52,5	65,6	72,2	78,7	N/A	N/A
MXBSN2	380x380x160	22,2	37,1	52	59,4	74,3	81,7	89,1	N/A	N/A
MXBSO2	380x450x160	19,9	33,2	46,5	53,2	66,5	73,1	79,8	N/A	N/A
MXBSP2	350x500x160	21,8	36,4	51	58,3	72,9	80,2	87,5	N/A	N/A
MXBSQ2	380x570x160	25	41,8	58,5	66,8	83,6	91,9	100,3	N/A	N/A
MXBSR2	380x380x270	26,9	44,8	62,7	71,7	89,7	98,6	107,6	N/A	N/A
MXBSS2	500x500x160	26,3	43,9	61,4	70,2	87,8	96,6	105,4	N/A	N/A
MXBST2	570x570x160	31,1	51,9	72,7	83,1	103,9	114,3	124,7	N/A	N/A
MXBSU2	570x760x200	40,4	67,4	94,4	107,9	134,8	148,3	161,8	N/A	N/A
MXBSV2	570x570x300	41,8	69,7	97,7	111,6	139,5	153,5	167,5	N/A	N/A
MXBSW2	760x950x200	54,1	90,2	126,3	144,4	180,5	198,5	216,6	N/A	N/A

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	2,7	5,5	8,3	9,7	12,5	13,9	15,3	N/A	N/A
MXBSB2	150x150x100	4	8	12	14	18	20	22	N/A	N/A
MXBSC2	140x200x130	5,2	10,4	15,7	18,3	23,5	26,2	28,8	N/A	N/A
MXBSD2	200x200x100	5,3	10,7	16,1	18,7	24,1	26,8	29,5	N/A	N/A
MXBSE2	200x200x160	6,9	13,9	20,8	24,3	31,3	34,8	38,3	N/A	N/A
MXBSF2	200x270x130	7,2	14,4	21,6	25,2	32,5	36,1	39,7	N/A	N/A
MXBSG2	270x270x130	8,3	16,7	25,1	29,3	37,7	41,8	46	N/A	N/A
MXBSH2	200x300x160	8,5	17,1	25,7	30	38,6	42,9	47,2	N/A	N/A
MXBSI2	280x280x160	9,6	19,2	28,9	33,7	43,3	48,2	53	N/A	N/A
MXBSJ2	200x400x160	9,6	19,3	29	33,9	43,6	48,4	53,3	N/A	N/A
MXBSK2	270x350x130	10,1	20,2	30,3	35,4	45,5	50,5	55,6	N/A	N/A
MXBSL2	350x350x160	12,2	24,4	36,6	42,7	54,9	61	67,1	N/A	N/A
MXBSM2	280x280x270	13,1	26,2	39,3	45,9	59	65,6	72,2	N/A	N/A
MXBSN2	380x380x160	14,8	29,7	44,5	52	66,8	74,3	81,7	N/A	N/A
MXBSO2	380x450x160	13,3	26,6	39,9	46,5	59,8	66,5	73,1	N/A	N/A
MXBSP2	350x500x160	14,5	29,1	43,7	51	65,6	72,9	80,2	N/A	N/A
MXBSQ2	380x570x160	16,7	33,4	50,1	58,5	75,2	83,6	91,9	N/A	N/A
MXBSR2	380x380x270	17,9	35,8	53,8	62,7	80,7	89,7	98,6	N/A	N/A
MXBSS2	500x500x160	17,5	35,1	52,7	61,4	79	87,8	96,6	N/A	N/A
MXBST2	570x570x160	20,7	41,5	62,3	72,7	93,5	103,9	114,3	N/A	N/A
MXBSU2	570x760x200	26,9	53,9	80,9	94,4	121,3	134,8	148,3	N/A	N/A
MXBSV2	570x570x300	27,9	55,8	83,7	97,7	125,6	139,5	153,5	N/A	N/A
MXBSW2	760x950x200	36,1	72,2	108,3	126,3	162,4	180,5	198,5	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	2,7	4,1	6,9	8,3	11,1	12,5	13,9	N/A	N/A
MXBSB2	150x150x100	4	6	10	12	16	18	20	N/A	N/A
MXBSC2	140x200x130	5,2	7,8	13,1	15,7	20,9	23,5	26,2	N/A	N/A
MXBSD2	200x200x100	5,3	8	13,4	16,1	21,4	24,1	26,8	N/A	N/A
MXBSE2	200x200x160	6,9	10,4	17,4	20,8	27,8	31,3	34,8	N/A	N/A
MXBSF2	200x270x130	7,2	10,8	18	21,6	28,9	32,5	36,1	N/A	N/A
MXBSG2	270x270x130	8,3	12,5	20,9	25,1	33,5	37,7	41,8	N/A	N/A
MXBSH2	200x300x160	8,5	12,8	21,4	25,7	34,3	38,6	42,9	N/A	N/A
MXBSI2	280x280x160	9,6	14,4	24,1	28,9	38,5	43,3	48,2	N/A	N/A
MXBSJ2	200x400x160	9,6	14,5	24,2	29	38,7	43,6	48,4	N/A	N/A
MXBSK2	270x350x130	10,1	15,1	25,2	30,3	40,4	45,5	50,5	N/A	N/A
MXBSL2	350x350x160	12,2	18,3	30,5	36,6	48,8	54,9	61	N/A	N/A
MXBSM2	280x280x270	13,1	19,6	32,8	39,3	52,5	59	65,6	N/A	N/A
MXBSN2	380x380x160	14,8	22,2	37,1	44,5	59,4	66,8	74,3	N/A	N/A
MXBSO2	380x450x160	13,3	19,9	33,2	39,9	53,2	59,8	66,5	N/A	N/A
MXBSP2	350x500x160	14,5	21,8	36,4	43,7	58,3	65,6	72,9	N/A	N/A
MXBSQ2	380x570x160	16,7	25	41,8	50,1	66,8	75,2	83,6	N/A	N/A
MXBSR2	380x380x270	17,9	26,9	44,8	53,8	71,7	80,7	89,7	N/A	N/A
MXBSS2	500x500x160	17,5	26,3	43,9	52,7	70,2	79	87,8	N/A	N/A
MXBST2	570x570x160	20,7	31,1	51,9	62,3	83,1	93,5	103,9	N/A	N/A
MXBSU2	570x760x200	26,9	40,4	67,4	80,9	107,9	121,3	134,8	N/A	N/A
MXBSV2	570x570x300	27,9	41,8	69,7	83,7	111,6	125,6	139,5	N/A	N/A
MXBSW2	760x950x200	36,1	54,1	90,2	108,3	144,4	162,4	180,5	N/A	N/A

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TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	N/A	2,7	5,5	6,9	9,7	11,1	12,5	N/A	N/A
MXBSB2	150x150x100	N/A	4	8	10	14	16	18	N/A	N/A
MXBSC2	140x200x130	N/A	5,2	10,4	13,1	18,3	20,9	23,5	N/A	N/A
MXBSD2	200x200x100	N/A	5,3	10,7	13,4	18,7	21,4	24,1	N/A	N/A
MXBSE2	200x200x160	N/A	6,9	13,9	17,4	24,3	27,8	31,3	N/A	N/A
MXBSF2	200x270x130	N/A	7,2	14,4	18	25,2	28,9	32,5	N/A	N/A
MXBSG2	270x270x130	N/A	8,3	16,7	20,9	29,3	33,5	37,7	N/A	N/A
MXBSH2	200x300x160	N/A	8,5	17,1	21,4	30	34,3	38,6	N/A	N/A
MXBSI2	280x280x160	N/A	9,6	19,2	24,1	33,7	38,5	43,3	N/A	N/A
MXBSJ2	200x400x160	N/A	9,6	19,3	24,2	33,9	38,7	43,6	N/A	N/A
MXBSK2	270x350x130	N/A	10,1	20,2	25,2	35,4	40,4	45,5	N/A	N/A
MXBSL2	350x350x160	N/A	12,2	24,4	30,5	42,7	48,8	54,9	N/A	N/A
MXBSM2	280x280x270	N/A	13,1	26,2	32,8	45,9	52,5	59	N/A	N/A
MXBSN2	380x380x160	N/A	14,8	29,7	37,1	52	59,4	66,8	N/A	N/A
MXBSO2	380x450x160	N/A	13,3	26,6	33,2	46,5	53,2	59,8	N/A	N/A
MXBSP2	350x500x160	N/A	14,5	29,1	36,4	51	58,3	65,6	N/A	N/A
MXBSQ2	380x570x160	N/A	16,7	33,4	41,8	58,5	66,8	75,2	N/A	N/A
MXBSR2	380x380x270	N/A	17,9	35,8	44,8	62,7	71,7	80,7	N/A	N/A
MXBSS2	500x500x160	N/A	17,5	35,1	43,9	61,4	70,2	79	N/A	N/A
MXBST2	570x570x160	N/A	20,7	41,5	51,9	72,7	83,1	93,5	N/A	N/A
MXBSU2	570x760x200	N/A	26,9	53,9	67,4	94,4	107,9	121,3	N/A	N/A
MXBSV2	570x570x300	N/A	27,9	55,8	69,7	97,7	111,6	125,6	N/A	N/A
MXBSW2	760x950x200	N/A	36,1	72,2	90,2	126,3	144,4	162,4	N/A	N/A

Tableaux 2 / *tables 2*

Model MXBS*3
(en ALLUMINIUM)

Ex II 2 G D
Ex eb IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Ou

Ex II 2 G D
Ex ia ou ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Ou

Ex II 2 G D
Ex eb ia ou eb ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*

* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(3) : Complété selon tableaux 3 ci-dessous :

Model MXBS*3
(in ALUMINUM)

Ex II 2 G D
Ex eb IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Or

Ex II 2 G D
Ex ia or ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Or

Ex II 2 G D
Ex eb ia or eb ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(3) : Completed according to tables 3 below :

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	5,2	7,8	10,4	11,7	14,3	15,6	16,9	N/A	N/A
MXBSB3	80x130x60	7	10,6	14,1	15,9	19,4	21,2	23	N/A	N/A
MXBSC3	80x180x60	8,9	13,3	17,8	20	24,5	26,7	28,9	N/A	N/A
MXBSD3	80x180x80	11	16,5	22,1	24,8	30,4	33,1	35,9	N/A	N/A
MXBSE3	80x250x50	10,7	16,1	21,4	24,1	29,5	32,2	34,8	N/A	N/A
MXBSF3	80x250x80	14,2	21,4	28,5	32,1	39,2	42,8	46,4	N/A	N/A
MXBSG3	100x100x80	8,7	13	17,4	19,6	23,9	26,1	28,3	N/A	N/A
MXBSH3	100x150x80	11,1	16,6	22,2	24,9	30,5	33,3	36	N/A	N/A
MXBSI3	100x160x80	11,5	17,3	23,1	26	31,8	34,7	37,6	N/A	N/A
MXBSJ3	100x200x80	13,4	20,1	26,8	30,2	36,9	40,3	43,6	N/A	N/A
MXBSK3	120x120x80	10,8	16,2	21,6	24,3	29,7	32,4	35,1	N/A	N/A
MXBSL3	120x220x90	16,8	25,3	33,7	37,9	46,3	50,6	54,8	N/A	N/A
MXBSM3	140x140x90	13,7	20,6	27,5	31	37,9	41,3	44,8	N/A	N/A
MXBSN3	140x200x90	17,1	25,7	34,2	38,5	47,1	51,4	55,7	N/A	N/A
MXBSO3	160x160x90	17,2	25,8	34,4	38,7	47,3	51,6	55,9	N/A	N/A
MXBSP3	160x240x100	22,1	33,1	44,2	49,7	60,8	66,3	71,8	N/A	N/A
MXBSQ3	160x260x90	21,9	32,8	43,8	49,3	60,2	65,7	71,2	N/A	N/A
MXBSR3	180x180x100	19,7	29,6	39,5	44,4	54,3	59,2	64,2	N/A	N/A
MXBSS3	180x280x100	26,1	39,1	52,2	58,7	71,8	78,3	84,8	N/A	N/A
MXBST3	200x230x110	25,8	38,7	51,6	58	71	77,4	83,9	N/A	N/A
MXBSU3	200x230x180	35,5	53,3	71,1	80	97,8	106,7	115,6	N/A	N/A
MXBSV3	230x280x110	31,6	47,5	63,3	71,3	87,1	95	103	N/A	N/A
MXBSW3	230x330x120	37	55,6	74,1	83,4	101,9	111,2	120,5	N/A	N/A
MXBSX3	230x330x180	47,5	71,3	95,1	107	130,8	142,7	154,6	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	3,9	6,5	9,1	10,4	13	14,3	15,6	N/A	N/A
MXBSB3	80x130x60	5,3	8,8	12,3	14,1	17,7	19,4	21,2	N/A	N/A
MXBSC3	80x180x60	6,6	11,1	15,5	17,8	22,2	24,5	26,7	N/A	N/A
MXBSD3	80x180x80	8,2	13,8	19,3	22,1	27,6	30,4	33,1	N/A	N/A
MXBSE3	80x250x50	8	13,4	18,7	21,4	26,8	29,5	32,2	N/A	N/A
MXBSF3	80x250x80	10,7	17,8	24,9	28,5	35,7	39,2	42,8	N/A	N/A
MXBSG3	100x100x80	6,5	10,8	15,2	17,4	21,7	23,9	26,1	N/A	N/A
MXBSH3	100x150x80	8,3	13,8	19,4	22,2	27,7	30,5	33,3	N/A	N/A
MXBSI3	100x160x80	8,6	14,4	20,2	23,1	28,9	31,8	34,7	N/A	N/A
MXBSJ3	100x200x80	10	16,7	23,5	26,8	33,5	36,9	40,3	N/A	N/A
MXBSK3	120x120x80	8,1	13,5	18,9	21,6	27	29,7	32,4	N/A	N/A
MXBSL3	120x220x90	12,6	21	29,5	33,7	42,1	46,3	50,6	N/A	N/A
MXBSM3	140x140x90	10,3	17,2	24,1	27,5	34,4	37,9	41,3	N/A	N/A
MXBSN3	140x200x90	12,8	21,4	30	34,2	42,8	47,1	51,4	N/A	N/A
MXBSO3	160x160x90	12,9	21,5	30,1	34,4	43	47,3	51,6	N/A	N/A
MXBSP3	160x240x100	16,5	27,6	38,7	44,2	55,3	60,8	66,3	N/A	N/A
MXBSQ3	160x260x90	16,4	27,4	38,3	43,8	54,8	60,2	65,7	N/A	N/A
MXBSR3	180x180x100	14,8	24,6	34,5	39,5	49,3	54,3	59,2	N/A	N/A
MXBSS3	180x280x100	19,5	32,6	45,7	52,2	65,2	71,8	78,3	N/A	N/A
MXBST3	200x230x110	19,3	32,2	45,1	51,6	64,5	71	77,4	N/A	N/A
MXBSU3	200x230x180	26,6	44,4	62,2	71,1	88,9	97,8	106,7	N/A	N/A
MXBSV3	230x280x110	23,7	39,6	55,4	63,3	79,2	87,1	95	N/A	N/A
MXBSW3	230x330x120	27,8	46,3	64,8	74,1	92,7	101,9	111,2	N/A	N/A
MXBSX3	230x330x180	35,6	59,4	83,2	95,1	118,9	130,8	142,7	N/A	N/A

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	2,6	5,2	7,8	9,1	11,7	13	14,3	N/A	N/A
MXBSB3	80x130x60	3,5	7	10,6	12,3	15,9	17,7	19,4	N/A	N/A
MXBSC3	80x180x60	4,4	8,9	13,3	15,5	20	22,2	24,5	N/A	N/A
MXBSD3	80x180x80	5,5	11	16,5	19,3	24,8	27,6	30,4	N/A	N/A
MXBSE3	80x250x50	5,3	10,7	16,1	18,7	24,1	26,8	29,5	N/A	N/A
MXBSF3	80x250x80	7,1	14,2	21,4	24,9	32,1	35,7	39,2	N/A	N/A
MXBSG3	100x100x80	4,3	8,7	13	15,2	19,6	21,7	23,9	N/A	N/A
MXBSH3	100x150x80	5,5	11,1	16,6	19,4	24,9	27,7	30,5	N/A	N/A
MXBSI3	100x160x80	5,7	11,5	17,3	20,2	26	28,9	31,8	N/A	N/A
MXBSJ3	100x200x80	6,7	13,4	20,1	23,5	30,2	33,5	36,9	N/A	N/A
MXBSK3	120x120x80	5,4	10,8	16,2	18,9	24,3	27	29,7	N/A	N/A
MXBSL3	120x220x90	8,4	16,8	25,3	29,5	37,9	42,1	46,3	N/A	N/A
MXBSM3	140x140x90	6,8	13,7	20,6	24,1	31	34,4	37,9	N/A	N/A
MXBSN3	140x200x90	8,5	17,1	25,7	30	38,5	42,8	47,1	N/A	N/A
MXBSO3	160x160x90	8,6	17,2	25,8	30,1	38,7	43	47,3	N/A	N/A
MXBSP3	160x240x100	11	22,1	33,1	38,7	49,7	55,3	60,8	N/A	N/A
MXBSQ3	160x260x90	10,9	21,9	32,8	38,3	49,3	54,8	60,2	N/A	N/A
MXBSR3	180x180x100	9,8	19,7	29,6	34,5	44,4	49,3	54,3	N/A	N/A
MXBSS3	180x280x100	13	26,1	39,1	45,7	58,7	65,2	71,8	N/A	N/A
MXBST3	200x230x110	12,9	25,8	38,7	45,1	58	64,5	71	N/A	N/A
MXBSU3	200x230x180	17,7	35,5	53,3	62,2	80	88,9	97,8	N/A	N/A
MXBSV3	230x280x110	15,8	31,6	47,5	55,4	71,3	79,2	87,1	N/A	N/A
MXBSW3	230x330x120	18,5	37	55,6	64,8	83,4	92,7	101,9	N/A	N/A
MXBSX3	230x330x180	23,7	47,5	71,3	83,2	107	118,9	130,8	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	2,6	3,9	6,5	7,8	10,4	11,7	13	N/A	N/A
MXBSB3	80x130x60	3,5	5,3	8,8	10,6	14,1	15,9	17,7	N/A	N/A
MXBSC3	80x180x60	4,4	6,6	11,1	13,3	17,8	20	22,2	N/A	N/A
MXBSD3	80x180x80	5,5	8,2	13,8	16,5	22,1	24,8	27,6	N/A	N/A
MXBSE3	80x250x50	5,3	8	13,4	16,1	21,4	24,1	26,8	N/A	N/A
MXBSF3	80x250x80	7,1	10,7	17,8	21,4	28,5	32,1	35,7	N/A	N/A
MXBSG3	100x100x80	4,3	6,5	10,8	13	17,4	19,6	21,7	N/A	N/A
MXBSH3	100x150x80	5,5	8,3	13,8	16,6	22,2	24,9	27,7	N/A	N/A
MXBSI3	100x160x80	5,7	8,6	14,4	17,3	23,1	26	28,9	N/A	N/A
MXBSJ3	100x200x80	6,7	10	16,7	20,1	26,8	30,2	33,5	N/A	N/A
MXBSK3	120x120x80	5,4	8,1	13,5	16,2	21,6	24,3	27	N/A	N/A
MXBSL3	120x220x90	8,4	12,6	21	25,3	33,7	37,9	42,1	N/A	N/A
MXBSM3	140x140x90	6,8	10,3	17,2	20,6	27,5	31	34,4	N/A	N/A
MXBSN3	140x200x90	8,5	12,8	21,4	25,7	34,2	38,5	42,8	N/A	N/A
MXBSO3	160x160x90	8,6	12,9	21,5	25,8	34,4	38,7	43	N/A	N/A
MXBSP3	160x240x100	11	16,5	27,6	33,1	44,2	49,7	55,3	N/A	N/A
MXBSQ3	160x260x90	10,9	16,4	27,4	32,8	43,8	49,3	54,8	N/A	N/A
MXBSR3	180x180x100	9,8	14,8	24,6	29,6	39,5	44,4	49,3	N/A	N/A
MXBSS3	180x280x100	13	19,5	32,6	39,1	52,2	58,7	65,2	N/A	N/A
MXBST3	200x230x110	12,9	19,3	32,2	38,7	51,6	58	64,5	N/A	N/A
MXBSU3	200x230x180	17,7	26,6	44,4	53,3	71,1	80	88,9	N/A	N/A
MXBSV3	230x280x110	15,8	23,7	39,6	47,5	63,3	71,3	79,2	N/A	N/A
MXBSW3	230x330x120	18,5	27,8	46,3	55,6	74,1	83,4	92,7	N/A	N/A
MXBSX3	230x330x180	23,7	35,6	59,4	71,3	95,1	107	118,9	N/A	N/A

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	N/A	2,6	5,2	6,5	9,1	10,4	11,7	N/A	N/A
MXBSB3	80x130x60	N/A	3,5	7	8,8	12,3	14,1	15,9	N/A	N/A
MXBSC3	80x180x60	N/A	4,4	8,9	11,1	15,5	17,8	20	N/A	N/A
MXBSD3	80x180x80	N/A	5,5	11	13,8	19,3	22,1	24,8	N/A	N/A
MXBSE3	80x250x50	N/A	5,3	10,7	13,4	18,7	21,4	24,1	N/A	N/A
MXBSF3	80x250x80	N/A	7,1	14,2	17,8	24,9	28,5	32,1	N/A	N/A
MXBSG3	100x100x80	N/A	4,3	8,7	10,8	15,2	17,4	19,6	N/A	N/A
MXBSH3	100x150x80	N/A	5,5	11,1	13,8	19,4	22,2	24,9	N/A	N/A
MXBSI3	100x160x80	N/A	5,7	11,5	14,4	20,2	23,1	26	N/A	N/A
MXBSJ3	100x200x80	N/A	6,7	13,4	16,7	23,5	26,8	30,2	N/A	N/A
MXBSK3	120x120x80	N/A	5,4	10,8	13,5	18,9	21,6	24,3	N/A	N/A
MXBSL3	120x220x90	N/A	8,4	16,8	21	29,5	33,7	37,9	N/A	N/A
MXBSM3	140x140x90	N/A	6,8	13,7	17,2	24,1	27,5	31	N/A	N/A
MXBSN3	140x200x90	N/A	8,5	17,1	21,4	30	34,2	38,5	N/A	N/A
MXBSO3	160x160x90	N/A	8,6	17,2	21,5	30,1	34,4	38,7	N/A	N/A
MXBSP3	160x240x100	N/A	11	22,1	27,6	38,7	44,2	49,7	N/A	N/A
MXBSQ3	160x260x90	N/A	10,9	21,9	27,4	38,3	43,8	49,3	N/A	N/A
MXBSR3	180x180x100	N/A	9,8	19,7	24,6	34,5	39,5	44,4	N/A	N/A
MXBSS3	180x280x100	N/A	13	26,1	32,6	45,7	52,2	58,7	N/A	N/A
MXBST3	200x230x110	N/A	12,9	25,8	32,2	45,1	51,6	58	N/A	N/A
MXBSU3	200x230x180	N/A	17,7	35,5	44,4	62,2	71,1	80	N/A	N/A
MXBSV3	230x280x110	N/A	15,8	31,6	39,6	55,4	63,3	71,3	N/A	N/A
MXBSW3	230x330x120	N/A	18,5	37	46,3	64,8	74,1	83,4	N/A	N/A
MXBSX3	230x330x180	N/A	23,7	47,5	59,4	83,2	95,1	107	N/A	N/A

Tableaux 3 / *tables 3*

Model MXBS*4
(en GRP HT)

Ⓔx II 2 G D
Ex eb IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Ou

Ⓔx II 2 G D
Ex ia ou ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Ou

Ⓔx II 2 G D
Ex eb ia ou eb ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*

* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(4) : Complété selon tableaux 4 ci-dessous :

Model MXBS*4
(in GRP HT)

Ⓔx II 2 G D
Ex eb IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Or

Ⓔx II 2 G D
Ex ia or ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Or

Ⓔx II 2 G D
Ex eb ia or eb ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(4) : Completed according to tables 4 below :

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	3,5	5,2	7,0	7,8	9,6	10,4	11,3	15,1	N/A
MXBSB4	80x80x80	4,6	6,8	9,1	10,2	12,5	13,7	14,8	19,8	N/A
MXBSC4	80x110x60	4,3	6,4	8,5	9,6	11,8	12,8	13,9	18,6	N/A
MXBSD4	80x110x80	5,6	8,4	11,2	12,6	15,3	16,7	18,1	24,3	N/A
MXBSE4	80x160x60	5,8	8,7	11,6	13,0	15,9	17,4	18,8	25,2	N/A
MXBSF4	80x160x80	6,8	10,2	13,7	15,4	18,8	20,5	22,2	29,7	N/A
MXBSG4	80x190x60	6,4	9,6	12,8	14,4	17,6	19,2	20,8	27,9	N/A
MXBSH4	80x190x80	7,5	11,3	15,1	17,0	20,7	22,6	24,5	32,8	N/A
MXBSI4	80x230x60	7,2	10,8	14,4	16,2	19,8	21,6	23,4	31,3	N/A
MXBSJ4	80x230x80	8,5	12,7	16,9	19,0	23,3	25,4	27,5	36,8	N/A
MXBSK4	120x120x90	8,0	12,0	15,9	17,9	21,9	23,9	25,9	34,7	N/A
MXBSL4	120x220x90	10,8	16,2	21,6	24,3	29,7	32,4	35,1	47,0	N/A
MXBSM4	160x160x90	10,4	15,6	20,8	23,4	28,6	31,2	33,8	45,2	N/A
MXBSN4	160x260x90	13,4	20,1	26,8	30,2	36,9	40,2	43,6	58,3	N/A
MXBSO4	160x360x90	16,2	24,3	32,4	36,5	44,6	48,6	52,7	70,5	N/A
MXBSP4	160x560x90	21,4	32,0	42,7	48,1	58,7	64,1	69,4	92,9	N/A
MXBSQ4	200x200x170	18,0	26,9	35,9	40,4	49,4	53,9	58,4	78,1	N/A
MXBSR4	200x300x170	20,9	31,3	41,7	47,0	57,4	62,6	67,8	90,8	N/A
MXBSS4	250x260x120	18,8	28,2	37,6	42,4	51,8	56,5	61,2	81,9	N/A
MXBST4	250x260x160	20,8	31,1	41,5	46,7	57,1	62,3	67,5	90,3	N/A
MXBSU4	250x400x120	22,8	34,2	45,7	51,4	62,8	68,5	74,2	99,3	N/A
MXBSV4	250x400x160	26,2	39,3	52,4	58,9	72,0	78,6	85,1	113,9	N/A
MXBSW4	250x600x120	29,0	43,6	58,1	65,3	79,9	87,1	94,4	126,3	N/A
MXBSX4	300x400x200	32,2	48,4	64,5	72,6	88,7	96,7	104,8	140,3	N/A
MXBSY4	360x360x90	23,0	34,6	46,1	51,8	63,4	69,1	74,9	100,2	N/A
MXBSZ4	400x600x250	50,3	75,5	100,7	113,3	138,4	151,0	163,6	219,0	N/A
MXBSAA4	410x400x120	29,1	43,7	58,2	65,5	80,1	87,3	94,6	126,6	N/A
MXBSAB4	410x400x200	36,6	55,0	73,3	82,4	100,8	109,9	119,1	159,4	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	2,6	4,4	6,1	7,0	8,7	9,6	10,4	14,3	N/A
MXBSB4	80x80x80	3,4	5,7	8,0	9,1	11,4	12,5	13,7	18,7	N/A
MXBSC4	80x110x60	3,2	5,3	7,5	8,5	10,7	11,8	12,8	17,5	N/A
MXBSD4	80x110x80	4,2	7,0	9,8	11,2	13,9	15,3	16,7	22,9	N/A
MXBSE4	80x160x60	4,3	7,2	10,1	11,6	14,5	15,9	17,4	23,7	N/A
MXBSF4	80x160x80	5,1	8,5	11,9	13,7	17,1	18,8	20,5	28,0	N/A
MXBSG4	80x190x60	4,8	8,0	11,2	12,8	16,0	17,6	19,2	26,3	N/A
MXBSH4	80x190x80	5,7	9,4	13,2	15,1	18,8	20,7	22,6	30,9	N/A
MXBSI4	80x230x60	5,4	9,0	12,6	14,4	18,0	19,8	21,6	29,5	N/A
MXBSJ4	80x230x80	6,3	10,6	14,8	16,9	21,1	23,3	25,4	34,7	N/A
MXBSK4	120x120x90	6,0	10,0	14,0	15,9	19,9	21,9	23,9	32,7	N/A
MXBSL4	120x220x90	8,1	13,5	18,9	21,6	27,0	29,7	32,4	44,3	N/A
MXBSM4	160x160x90	7,8	13,0	18,2	20,8	26,0	28,6	31,2	42,6	N/A
MXBSN4	160x260x90	10,1	16,8	23,5	26,8	33,5	36,9	40,2	55,0	N/A
MXBSO4	160x360x90	12,2	20,3	28,4	32,4	40,5	44,6	48,6	66,4	N/A
MXBSP4	160x560x90	16,0	26,7	37,4	42,7	53,4	58,7	64,1	87,6	N/A
MXBSQ4	200x200x170	13,5	22,4	31,4	35,9	44,9	49,4	53,9	73,6	N/A
MXBSR4	200x300x170	15,7	26,1	36,5	41,7	52,2	57,4	62,6	85,6	N/A
MXBSS4	250x260x120	14,1	23,5	32,9	37,6	47,1	51,8	56,5	77,2	N/A
MXBST4	250x260x160	15,6	26,0	36,3	41,5	51,9	57,1	62,3	85,1	N/A
MXBSU4	250x400x120	17,1	28,5	39,9	45,7	57,1	62,8	68,5	93,6	N/A
MXBSV4	250x400x160	19,6	32,7	45,8	52,4	65,5	72,0	78,6	107,4	N/A
MXBSW4	250x600x120	21,8	36,3	50,8	58,1	72,6	79,9	87,1	119,1	N/A
MXBSX4	300x400x200	24,2	40,3	56,4	64,5	80,6	88,7	96,7	132,2	N/A
MXBSY4	360x360x90	17,3	28,8	40,3	46,1	57,6	63,4	69,1	94,5	N/A
MXBSZ4	400x600x250	37,8	62,9	88,1	100,7	125,8	138,4	151,0	206,4	N/A
MXBSAA4	410x400x120	21,8	36,4	51,0	58,2	72,8	80,1	87,3	119,4	N/A
MXBSAB4	410x400x200	27,5	45,8	64,1	73,3	91,6	100,8	109,9	150,2	N/A

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TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	1,7	3,5	5,2	6,1	7,8	8,7	9,6	13,4	N/A
MXBSB4	80x80x80	2,3	4,6	6,8	8,0	10,2	11,4	12,5	17,5	N/A
MXBSC4	80x110x60	2,1	4,3	6,4	7,5	9,6	10,7	11,8	16,5	N/A
MXBSD4	80x110x80	2,8	5,6	8,4	9,8	12,6	13,9	15,3	21,5	N/A
MXBSE4	80x160x60	2,9	5,8	8,7	10,1	13,0	14,5	15,9	22,3	N/A
MXBSF4	80x160x80	3,4	6,8	10,2	11,9	15,4	17,1	18,8	26,3	N/A
MXBSG4	80x190x60	3,2	6,4	9,6	11,2	14,4	16,0	17,6	24,7	N/A
MXBSH4	80x190x80	3,8	7,5	11,3	13,2	17,0	18,8	20,7	29,0	N/A
MXBSI4	80x230x60	3,6	7,2	10,8	12,6	16,2	18,0	19,8	27,7	N/A
MXBSJ4	80x230x80	4,2	8,5	12,7	14,8	19,0	21,1	23,3	32,6	N/A
MXBSK4	120x120x90	4,0	8,0	12,0	14,0	17,9	19,9	21,9	30,7	N/A
MXBSL4	120x220x90	5,4	10,8	16,2	18,9	24,3	27,0	29,7	41,6	N/A
MXBSM4	160x160x90	5,2	10,4	15,6	18,2	23,4	26,0	28,6	40,0	N/A
MXBSN4	160x260x90	6,7	13,4	20,1	23,5	30,2	33,5	36,9	51,6	N/A
MXBSO4	160x360x90	8,1	16,2	24,3	28,4	36,5	40,5	44,6	62,4	N/A
MXBSP4	160x560x90	10,7	21,4	32,0	37,4	48,1	53,4	58,7	82,2	N/A
MXBSQ4	200x200x170	9,0	18,0	26,9	31,4	40,4	44,9	49,4	69,1	N/A
MXBSR4	200x300x170	10,4	20,9	31,3	36,5	47,0	52,2	57,4	80,4	N/A
MXBSS4	250x260x120	9,4	18,8	28,2	32,9	42,4	47,1	51,8	72,5	N/A
MXBST4	250x260x160	10,4	20,8	31,1	36,3	46,7	51,9	57,1	79,9	N/A
MXBSU4	250x400x120	11,4	22,8	34,2	39,9	51,4	57,1	62,8	87,9	N/A
MXBSV4	250x400x160	13,1	26,2	39,3	45,8	58,9	65,5	72,0	100,8	N/A
MXBSW4	250x600x120	14,5	29,0	43,6	50,8	65,3	72,6	79,9	111,8	N/A
MXBSX4	300x400x200	16,1	32,2	48,4	56,4	72,6	80,6	88,7	124,1	N/A
MXBSY4	360x360x90	11,5	23,0	34,6	40,3	51,8	57,6	63,4	88,7	N/A
MXBSZ4	400x600x250	25,2	50,3	75,5	88,1	113,3	125,8	138,4	193,8	N/A
MXBSAA4	410x400x120	14,6	29,1	43,7	51,0	65,5	72,8	80,1	112,1	N/A
MXBSAB4	410x400x200	18,3	36,6	55,0	64,1	82,4	91,6	100,8	141,1	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	1,7	2,6	4,4	5,2	7,0	7,8	8,7	12,5	N/A
MXBSB4	80x80x80	2,3	3,4	5,7	6,8	9,1	10,2	11,4	16,4	N/A
MXBSC4	80x110x60	2,1	3,2	5,3	6,4	8,5	9,6	10,7	15,4	N/A
MXBSD4	80x110x80	2,8	4,2	7,0	8,4	11,2	12,6	13,9	20,1	N/A
MXBSE4	80x160x60	2,9	4,3	7,2	8,7	11,6	13,0	14,5	20,8	N/A
MXBSF4	80x160x80	3,4	5,1	8,5	10,2	13,7	15,4	17,1	24,6	N/A
MXBSG4	80x190x60	3,2	4,8	8,0	9,6	12,8	14,4	16,0	23,1	N/A
MXBSH4	80x190x80	3,8	5,7	9,4	11,3	15,1	17,0	18,8	27,1	N/A
MXBSI4	80x230x60	3,6	5,4	9,0	10,8	14,4	16,2	18,0	25,9	N/A
MXBSJ4	80x230x80	4,2	6,3	10,6	12,7	16,9	19,0	21,1	30,4	N/A
MXBSK4	120x120x90	4,0	6,0	10,0	12,0	15,9	17,9	19,9	28,7	N/A
MXBSL4	120x220x90	5,4	8,1	13,5	16,2	21,6	24,3	27,0	38,9	N/A
MXBSM4	160x160x90	5,2	7,8	13,0	15,6	20,8	23,4	26,0	37,4	N/A
MXBSN4	160x260x90	6,7	10,1	16,8	20,1	26,8	30,2	33,5	48,3	N/A
MXBSO4	160x360x90	8,1	12,2	20,3	24,3	32,4	36,5	40,5	58,3	N/A
MXBSP4	160x560x90	10,7	16,0	26,7	32,0	42,7	48,1	53,4	76,9	N/A
MXBSQ4	200x200x170	9,0	13,5	22,4	26,9	35,9	40,4	44,9	64,6	N/A
MXBSR4	200x300x170	10,4	15,7	26,1	31,3	41,7	47,0	52,2	75,1	N/A
MXBSS4	250x260x120	9,4	14,1	23,5	28,2	37,6	42,4	47,1	67,8	N/A
MXBST4	250x260x160	10,4	15,6	26,0	31,1	41,5	46,7	51,9	74,7	N/A
MXBSU4	250x400x120	11,4	17,1	28,5	34,2	45,7	51,4	57,1	82,2	N/A
MXBSV4	250x400x160	13,1	19,6	32,7	39,3	52,4	58,9	65,5	94,3	N/A
MXBSW4	250x600x120	14,5	21,8	36,3	43,6	58,1	65,3	72,6	104,5	N/A
MXBSX4	300x400x200	16,1	24,2	40,3	48,4	64,5	72,6	80,6	116,1	N/A
MXBSY4	360x360x90	11,5	17,3	28,8	34,6	46,1	51,8	57,6	82,9	N/A
MXBSZ4	400x600x250	25,2	37,8	62,9	75,5	100,7	113,3	125,8	181,2	N/A
MXBSAA4	410x400x120	14,6	21,8	36,4	43,7	58,2	65,5	72,8	104,8	N/A
MXBSAB4	410x400x200	18,3	27,5	45,8	55,0	73,3	82,4	91,6	131,9	N/A

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		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	N/A	1,7	3,5	4,4	6,1	7,0	7,8	11,7	N/A
MXBSB4	80x80x80	N/A	2,3	4,6	5,7	8,0	9,1	10,2	15,3	N/A
MXBSC4	80x110x60	N/A	2,1	4,3	5,3	7,5	8,5	9,6	14,3	N/A
MXBSD4	80x110x80	N/A	2,8	5,6	7,0	9,8	11,2	12,6	18,7	N/A
MXBSE4	80x160x60	N/A	2,9	5,8	7,2	10,1	11,6	13,0	19,4	N/A
MXBSF4	80x160x80	N/A	3,4	6,8	8,5	11,9	13,7	15,4	22,9	N/A
MXBSG4	80x190x60	N/A	3,2	6,4	8,0	11,2	12,8	14,4	21,5	N/A
MXBSH4	80x190x80	N/A	3,8	7,5	9,4	13,2	15,1	17,0	25,3	N/A
MXBSI4	80x230x60	N/A	3,6	7,2	9,0	12,6	14,4	16,2	24,1	N/A
MXBSJ4	80x230x80	N/A	4,2	8,5	10,6	14,8	16,9	19,0	28,3	N/A
MXBSK4	120x120x90	N/A	4,0	8,0	10,0	14,0	15,9	17,9	26,7	N/A
MXBSL4	120x220x90	N/A	5,4	10,8	13,5	18,9	21,6	24,3	36,2	N/A
MXBSM4	160x160x90	N/A	5,2	10,4	13,0	18,2	20,8	23,4	34,8	N/A
MXBSN4	160x260x90	N/A	6,7	13,4	16,8	23,5	26,8	30,2	44,9	N/A
MXBSO4	160x360x90	N/A	8,1	16,2	20,3	28,4	32,4	36,5	54,3	N/A
MXBSP4	160x560x90	N/A	10,7	21,4	26,7	37,4	42,7	48,1	71,5	N/A
MXBSQ4	200x200x170	N/A	9,0	18,0	22,4	31,4	35,9	40,4	60,2	N/A
MXBSR4	200x300x170	N/A	10,4	20,9	26,1	36,5	41,7	47,0	69,9	N/A
MXBSS4	250x260x120	N/A	9,4	18,8	23,5	32,9	37,6	42,4	63,1	N/A
MXBST4	250x260x160	N/A	10,4	20,8	26,0	36,3	41,5	46,7	69,6	N/A
MXBSU4	250x400x120	N/A	11,4	22,8	28,5	39,9	45,7	51,4	76,5	N/A
MXBSV4	250x400x160	N/A	13,1	26,2	32,7	45,8	52,4	58,9	87,7	N/A
MXBSW4	250x600x120	N/A	14,5	29,0	36,3	50,8	58,1	65,3	97,3	N/A
MXBSX4	300x400x200	N/A	16,1	32,2	40,3	56,4	64,5	72,6	108,0	N/A
MXBSY4	360x360x90	N/A	11,5	23,0	28,8	40,3	46,1	51,8	77,2	N/A
MXBSZ4	400x600x250	N/A	25,2	50,3	62,9	88,1	100,7	113,3	168,6	N/A
MXBSAA4	410x400x120	N/A	14,6	29,1	36,4	51,0	58,2	65,5	97,5	N/A
MXBSAB4	410x400x200	N/A	18,3	36,6	45,8	64,1	73,3	82,4	122,7	N/A

Tableaux 4 / *tables 4*

Model MXBS*5
(en ALUMINIUM HT)

Ⓔx II 2 G D
Ex eb IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Ou

Ⓔx II 2 G D
Ex ia ou ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Ou

Ⓔx II 2 G D
Ex eb ia ou eb ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*

* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(5) : Complété selon tableaux 5 ci-dessous :

Model MXBS*5
(in ALUMINUM HT)

Ⓔx II 2 G D
Ex eb IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Or

Ⓔx II 2 G D
Ex ia or ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Or

Ⓔx II 2 G D
Ex eb ia or eb ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(5) : Completed according to tables 5 below :

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Une société de Bureau Veritas
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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	5,2	7,8	10,4	11,7	14,3	15,6	16,9	N/A	23,4
MXBSB5	80x130x60	7	10,6	14,1	15,9	19,4	21,2	23	N/A	31,8
MXBSC5	80x180x60	8,9	13,3	17,8	20	24,5	26,7	28,9	N/A	40
MXBSD5	80x250x50	10,9	16,4	21,9	24,7	30,1	32,9	35,6	N/A	49,4
MXBSE5	100x100x80	8,7	13	17,4	19,6	23,9	26,1	28,3	N/A	39,2
MXBSF5	100x160x80	11,5	17,3	23,1	26	31,8	34,7	37,6	N/A	52
MXBSG5	100x200x80	13,4	20,1	26,8	30,2	36,9	40,3	43,6	N/A	60,4
MXBSH5	120x120x80	10,8	16,2	21,6	24,3	29,7	32,4	35,1	N/A	48,6
MXBSI5	120x120x90	11,6	17,5	23,3	26,2	32,1	35	37,9	N/A	52,5
MXBSJ5	120x220x80	15,6	23,5	31,3	35,3	43,1	47	50,9	N/A	70,6
MXBSK5	120x220x90	16,8	25,3	33,7	37,9	46,3	50,6	54,8	N/A	75,9
MXBSL5	120x360x80	22,3	33,5	44,7	50,3	61,5	67,1	72,7	N/A	100,7
MXBSM5	140x140x90	13,7	20,6	27,5	31	37,9	41,3	44,8	N/A	62
MXBSN5	140x200x90	17,1	25,7	34,2	38,5	47,1	51,4	55,7	N/A	77,1
MXBSO5	160x160x90	16,1	24,1	32,2	36,2	44,2	48,3	52,3	N/A	72,4
MXBSP5	160x260x90	21,9	32,8	43,8	49,3	60,2	65,7	71,2	N/A	98,6
MXBSQ5	160x360x90	27,5	41,3	55,1	62	75,7	82,6	89,5	N/A	124
MXBSR5	160x560x90	38,4	57,7	76,9	86,6	105,8	115,4	125	N/A	173,2
MXBSS5	180x180x100	19,7	29,6	39,5	44,4	54,3	59,2	64,2	N/A	88,8
MXBST5	180x280x100	26,1	39,1	52,2	58,7	71,8	78,3	84,8	N/A	117,5
MXBSU5	100x230x110	18,2	27,3	36,5	41	50,1	54,7	59,3	N/A	82,1
MXBSV5	200x230x110	26,1	39,1	52,2	58,7	71,7	78,3	84,8	N/A	117,4
MXBSW5	200x230x180	35,9	53,9	71,8	80,8	98,8	107,8	116,8	N/A	161,7
MXBSX5	230x280x110	31,6	47,5	63,3	71,3	87,1	95	103	N/A	142,6
MXBSY5	230x330x110	35,3	52,9	70,6	79,4	97	105,9	114,7	N/A	158,8
MXBSZ5	230x330x180	47,5	71,3	95,1	107	130,8	142,7	154,6	N/A	214,1
MXBSAA5	230x400x110	40,2	60,4	80,5	90,6	110,7	120,8	130,9	N/A	181,2
MXBSAB5	230x400x230	62,2	93,3	124,5	140	171,2	186,7	202,3	N/A	280,1
MXBSAC5	230x600x110	54,1	81,2	108,3	121,9	148,9	162,5	176	N/A	243,8
MXBSAD5	310x400x110	48,6	72,9	97,2	109,3	133,6	145,8	157,9	N/A	218,7
MXBSAE5	310x400x140	54,9	82,4	109,9	123,7	151,2	164,9	178,7	N/A	247,4
MXBSAF5	310x400x180	63,8	95,7	127,6	143,5	175,4	191,4	207,3	N/A	287,1
MXBSAG5	310x400x230	73,5	110,3	147,1	165,5	202,3	220,7	239,1	N/A	331
MXBSAH5	310x600x110	64	96	128,1	144,1	176,1	192,1	208,1	N/A	288,2
MXBSAI5	310x600x180	82,7	124,1	165,5	186,2	227,6	248,3	268,9	N/A	372,4
MXBSAJ5	600x600x200	129,1	193,7	258,3	290,5	355,1	387,4	419,7	N/A	581,1

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	3,9	6,5	9,1	10,4	13	14,3	15,6	N/A	22,1
MXBSB5	80x130x60	5,3	8,8	12,3	14,1	17,7	19,4	21,2	N/A	30,1
MXBSC5	80x180x60	6,6	11,1	15,5	17,8	22,2	24,5	26,7	N/A	37,8
MXBSD5	80x250x50	8,2	13,7	19,2	21,9	27,4	30,1	32,9	N/A	46,6
MXBSE5	100x100x80	6,5	10,8	15,2	17,4	21,7	23,9	26,1	N/A	37
MXBSF5	100x160x80	8,6	14,4	20,2	23,1	28,9	31,8	34,7	N/A	49,1
MXBSG5	100x200x80	10	16,7	23,5	26,8	33,5	36,9	40,3	N/A	57,1
MXBSH5	120x120x80	8,1	13,5	18,9	21,6	27	29,7	32,4	N/A	45,9
MXBSI5	120x120x90	8,7	14,6	20,4	23,3	29,2	32,1	35	N/A	49,6
MXBSJ5	120x220x80	11,7	19,6	27,4	31,3	39,2	43,1	47	N/A	66,6
MXBSK5	120x220x90	12,6	21	29,5	33,7	42,1	46,3	50,6	N/A	71,7
MXBSL5	120x360x80	16,7	27,9	39,1	44,7	55,9	61,5	67,1	N/A	95,1
MXBSM5	140x140x90	10,3	17,2	24,1	27,5	34,4	37,9	41,3	N/A	58,6
MXBSN5	140x200x90	12,8	21,4	30	34,2	42,8	47,1	51,4	N/A	72,8
MXBSO5	160x160x90	12	20,1	28,1	32,2	40,2	44,2	48,3	N/A	68,4
MXBSP5	160x260x90	16,4	27,4	38,3	43,8	54,8	60,2	65,7	N/A	93,1
MXBSQ5	160x360x90	20,6	34,4	48,2	55,1	68,9	75,7	82,6	N/A	117,1
MXBSR5	160x560x90	28,8	48,1	67,3	76,9	96,2	105,8	115,4	N/A	163,5
MXBSS5	180x180x100	14,8	24,6	34,5	39,5	49,3	54,3	59,2	N/A	83,9
MXBST5	180x280x100	19,5	32,6	45,7	52,2	65,2	71,8	78,3	N/A	110,9
MXBSU5	100x230x110	13,6	22,8	31,9	36,5	45,6	50,1	54,7	N/A	77,5
MXBSV5	200x230x110	19,5	32,6	45,6	52,2	65,2	71,7	78,3	N/A	110,9
MXBSW5	200x230x180	26,9	44,9	62,8	71,8	89,8	98,8	107,8	N/A	152,7
MXBSX5	230x280x110	23,7	39,6	55,4	63,3	79,2	87,1	95	N/A	134,6
MXBSY5	230x330x110	26,4	44,1	61,7	70,6	88,2	97	105,9	N/A	150
MXBSZ5	230x330x180	35,6	59,4	83,2	95,1	118,9	130,8	142,7	N/A	202,2
MXBSAA5	230x400x110	30,2	50,3	70,5	80,5	100,7	110,7	120,8	N/A	171,2
MXBSAB5	230x400x230	46,6	77,8	108,9	124,5	155,6	171,2	186,7	N/A	264,6
MXBSAC5	230x600x110	40,6	67,7	94,8	108,3	135,4	148,9	162,5	N/A	230,2
MXBSAD5	310x400x110	36,4	60,7	85	97,2	121,5	133,6	145,8	N/A	206,6
MXBSAE5	310x400x140	41,2	68,7	96,2	109,9	137,4	151,2	164,9	N/A	233,7
MXBSAF5	310x400x180	47,8	79,7	111,6	127,6	159,5	175,4	191,4	N/A	271,1
MXBSAG5	310x400x230	55,1	91,9	128,7	147,1	183,9	202,3	220,7	N/A	312,6
MXBSAH5	310x600x110	48	80	112	128,1	160,1	176,1	192,1	N/A	272,2
MXBSAI5	310x600x180	62	103,4	144,8	165,5	206,9	227,6	248,3	N/A	351,7
MXBSAJ5	600x600x200	96,8	161,4	226	258,3	322,8	355,1	387,4	N/A	548,8

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	2,6	5,2	7,8	9,1	11,7	13	14,3	N/A	20,8
MXBSB5	80x130x60	3,5	7	10,6	12,3	15,9	17,7	19,4	N/A	28,3
MXBSC5	80x180x60	4,4	8,9	13,3	15,5	20	22,2	24,5	N/A	35,6
MXBSD5	80x250x50	5,4	10,9	16,4	19,2	24,7	27,4	30,1	N/A	43,9
MXBSE5	100x100x80	4,3	8,7	13	15,2	19,6	21,7	23,9	N/A	34,8
MXBSF5	100x160x80	5,7	11,5	17,3	20,2	26	28,9	31,8	N/A	46,2
MXBSG5	100x200x80	6,7	13,4	20,1	23,5	30,2	33,5	36,9	N/A	53,7
MXBSH5	120x120x80	5,4	10,8	16,2	18,9	24,3	27	29,7	N/A	43,2
MXBSI5	120x120x90	5,8	11,6	17,5	20,4	26,2	29,2	32,1	N/A	46,7
MXBSJ5	120x220x80	7,8	15,6	23,5	27,4	35,3	39,2	43,1	N/A	62,7
MXBSK5	120x220x90	8,4	16,8	25,3	29,5	37,9	42,1	46,3	N/A	67,4
MXBSL5	120x360x80	11,1	22,3	33,5	39,1	50,3	55,9	61,5	N/A	89,5
MXBSM5	140x140x90	6,8	13,7	20,6	24,1	31	34,4	37,9	N/A	55,1
MXBSN5	140x200x90	8,5	17,1	25,7	30	38,5	42,8	47,1	N/A	68,5
MXBSO5	160x160x90	8	16,1	24,1	28,1	36,2	40,2	44,2	N/A	64,4
MXBSP5	160x260x90	10,9	21,9	32,8	38,3	49,3	54,8	60,2	N/A	87,6
MXBSQ5	160x360x90	13,7	27,5	41,3	48,2	62	68,9	75,7	N/A	110,2
MXBSR5	160x560x90	19,2	38,4	57,7	67,3	86,6	96,2	105,8	N/A	153,9
MXBSS5	180x180x100	9,8	19,7	29,6	34,5	44,4	49,3	54,3	N/A	79
MXBST5	180x280x100	13	26,1	39,1	45,7	58,7	65,2	71,8	N/A	104,4
MXBSU5	100x230x110	9,1	18,2	27,3	31,9	41	45,6	50,1	N/A	73
MXBSV5	200x230x110	13	26,1	39,1	45,6	58,7	65,2	71,7	N/A	104,4
MXBSW5	200x230x180	17,9	35,9	53,9	62,8	80,8	89,8	98,8	N/A	143,7
MXBSX5	230x280x110	15,8	31,6	47,5	55,4	71,3	79,2	87,1	N/A	126,7
MXBSY5	230x330x110	17,6	35,3	52,9	61,7	79,4	88,2	97	N/A	141,2
MXBSZ5	230x330x180	23,7	47,5	71,3	83,2	107	118,9	130,8	N/A	190,3
MXBSAA5	230x400x110	20,1	40,2	60,4	70,5	90,6	100,7	110,7	N/A	161,1
MXBSAB5	230x400x230	31,1	62,2	93,3	108,9	140	155,6	171,2	N/A	249
MXBSAC5	230x600x110	27	54,1	81,2	94,8	121,9	135,4	148,9	N/A	216,7
MXBSAD5	310x400x110	24,3	48,6	72,9	85	109,3	121,5	133,6	N/A	194,4
MXBSAE5	310x400x140	27,4	54,9	82,4	96,2	123,7	137,4	151,2	N/A	219,9
MXBSAF5	310x400x180	31,9	63,8	95,7	111,6	143,5	159,5	175,4	N/A	255,2
MXBSAG5	310x400x230	36,7	73,5	110,3	128,7	165,5	183,9	202,3	N/A	294,2
MXBSAH5	310x600x110	32	64	96	112	144,1	160,1	176,1	N/A	256,2
MXBSAI5	310x600x180	41,3	82,7	124,1	144,8	186,2	206,9	227,6	N/A	331
MXBSAJ5	600x600x200	64,5	129,1	193,7	226	290,5	322,8	355,1	N/A	516,6

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	2,6	3,9	6,5	7,8	10,4	11,7	13	N/A	19,5
MXBSB5	80x130x60	3,5	5,3	8,8	10,6	14,1	15,9	17,7	N/A	26,5
MXBSC5	80x180x60	4,4	6,6	11,1	13,3	17,8	20	22,2	N/A	33,4
MXBSD5	80x250x50	5,4	8,2	13,7	16,4	21,9	24,7	27,4	N/A	41,1
MXBSE5	100x100x80	4,3	6,5	10,8	13	17,4	19,6	21,7	N/A	32,6
MXBSF5	100x160x80	5,7	8,6	14,4	17,3	23,1	26	28,9	N/A	43,3
MXBSG5	100x200x80	6,7	10	16,7	20,1	26,8	30,2	33,5	N/A	50,3
MXBSH5	120x120x80	5,4	8,1	13,5	16,2	21,6	24,3	27	N/A	40,5
MXBSI5	120x120x90	5,8	8,7	14,6	17,5	23,3	26,2	29,2	N/A	43,8
MXBSJ5	120x220x80	7,8	11,7	19,6	23,5	31,3	35,3	39,2	N/A	58,8
MXBSK5	120x220x90	8,4	12,6	21	25,3	33,7	37,9	42,1	N/A	63,2
MXBSL5	120x360x80	11,1	16,7	27,9	33,5	44,7	50,3	55,9	N/A	83,9
MXBSM5	140x140x90	6,8	10,3	17,2	20,6	27,5	31	34,4	N/A	51,7
MXBSN5	140x200x90	8,5	12,8	21,4	25,7	34,2	38,5	42,8	N/A	64,3
MXBSO5	160x160x90	8	12	20,1	24,1	32,2	36,2	40,2	N/A	60,4
MXBSP5	160x260x90	10,9	16,4	27,4	32,8	43,8	49,3	54,8	N/A	82,2
MXBSQ5	160x360x90	13,7	20,6	34,4	41,3	55,1	62	68,9	N/A	103,3
MXBSR5	160x560x90	19,2	28,8	48,1	57,7	76,9	86,6	96,2	N/A	144,3
MXBSS5	180x180x100	9,8	14,8	24,6	29,6	39,5	44,4	49,3	N/A	74
MXBST5	180x280x100	13	19,5	32,6	39,1	52,2	58,7	65,2	N/A	97,9
MXBSU5	100x230x110	9,1	13,6	22,8	27,3	36,5	41	45,6	N/A	68,4
MXBSV5	200x230x110	13	19,5	32,6	39,1	52,2	58,7	65,2	N/A	97,9
MXBSW5	200x230x180	17,9	26,9	44,9	53,9	71,8	80,8	89,8	N/A	134,7
MXBSX5	230x280x110	15,8	23,7	39,6	47,5	63,3	71,3	79,2	N/A	118,8
MXBSY5	230x330x110	17,6	26,4	44,1	52,9	70,6	79,4	88,2	N/A	132,3
MXBSZ5	230x330x180	23,7	35,6	59,4	71,3	95,1	107	118,9	N/A	178,4
MXBSAA5	230x400x110	20,1	30,2	50,3	60,4	80,5	90,6	100,7	N/A	151
MXBSAB5	230x400x230	31,1	46,6	77,8	93,3	124,5	140	155,6	N/A	233,4
MXBSAC5	230x600x110	27	40,6	67,7	81,2	108,3	121,9	135,4	N/A	203,1
MXBSAD5	310x400x110	24,3	36,4	60,7	72,9	97,2	109,3	121,5	N/A	182,3
MXBSAE5	310x400x140	27,4	41,2	68,7	82,4	109,9	123,7	137,4	N/A	206,2
MXBSAF5	310x400x180	31,9	47,8	79,7	95,7	127,6	143,5	159,5	N/A	239,2
MXBSAG5	310x400x230	36,7	55,1	91,9	110,3	147,1	165,5	183,9	N/A	275,8
MXBSAH5	310x600x110	32	48	80	96	128,1	144,1	160,1	N/A	240,1
MXBSAI5	310x600x180	41,3	62	103,4	124,1	165,5	186,2	206,9	N/A	310,3
MXBSAJ5	600x600x200	64,5	96,8	161,4	193,7	258,3	290,5	322,8	N/A	484,3

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TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	N/A	2,6	5,2	6,5	9,1	10,4	11,7	N/A	18,2
MXBSB5	80x130x60	N/A	3,5	7	8,8	12,3	14,1	15,9	N/A	24,7
MXBSC5	80x180x60	N/A	4,4	8,9	11,1	15,5	17,8	20,0	N/A	31,1
MXBSD5	80x250x50	N/A	5,4	10,9	13,7	19,2	21,9	24,7	N/A	38,4
MXBSE5	100x100x80	N/A	4,3	8,7	10,8	15,2	17,4	19,6	N/A	30,4
MXBSF5	100x160x80	N/A	5,7	11,5	14,4	20,2	23,1	26,0	N/A	40,5
MXBSG5	100x200x80	N/A	6,7	13,4	16,7	23,5	26,8	30,2	N/A	47
MXBSH5	120x120x80	N/A	5,4	10,8	13,5	18,9	21,6	24,3	N/A	37,8
MXBSI5	120x120x90	N/A	5,8	11,6	14,6	20,4	23,3	26,2	N/A	40,8
MXBSJ5	120x220x80	N/A	7,8	15,6	19,6	27,4	31,3	35,3	N/A	54,9
MXBSK5	120x220x90	N/A	8,4	16,8	21	29,5	33,7	37,9	N/A	59
MXBSL5	120x360x80	N/A	11,1	22,3	27,9	39,1	44,7	50,3	N/A	78,3
MXBSM5	140x140x90	N/A	6,8	13,7	17,2	24,1	27,5	31,0	N/A	48,2
MXBSN5	140x200x90	N/A	8,5	17,1	21,4	30,0	34,2	38,5	N/A	60
MXBSO5	160x160x90	N/A	8	16,1	20,1	28,1	32,2	36,2	N/A	56,3
MXBSP5	160x260x90	N/A	10,9	21,9	27,4	38,3	43,8	49,3	N/A	76,7
MXBSQ5	160x360x90	N/A	13,7	27,5	34,4	48,2	55,1	62,0	N/A	96,4
MXBSR5	160x560x90	N/A	19,2	38,4	48,1	67,3	76,9	86,6	N/A	134,7
MXBSS5	180x180x100	N/A	9,8	19,7	24,6	34,5	39,5	44,4	N/A	69,1
MXBST5	180x280x100	N/A	13	26,1	32,6	45,7	52,2	58,7	N/A	91,4
MXBSU5	100x230x110	N/A	9,1	18,2	22,8	31,9	36,5	41,0	N/A	63,8
MXBSV5	200x230x110	N/A	13	26,1	32,6	45,6	52,2	58,7	N/A	91,3
MXBSW5	200x230x180	N/A	17,9	35,9	44,9	62,8	71,8	80,8	N/A	125,7
MXBSX5	230x280x110	N/A	15,8	31,6	39,6	55,4	63,3	71,3	N/A	110,9
MXBSY5	230x330x110	N/A	17,6	35,3	44,1	61,7	70,6	79,4	N/A	123,5
MXBSZ5	230x330x180	N/A	23,7	47,5	59,4	83,2	95,1	107,0	N/A	166,5
MXBSAA5	230x400x110	N/A	20,1	40,2	50,3	70,5	80,5	90,6	N/A	141
MXBSAB5	230x400x230	N/A	31,1	62,2	77,8	108,9	124,5	140,0	N/A	217,9
MXBSAC5	230x600x110	N/A	27	54,1	67,7	94,8	108,3	121,9	N/A	189,6
MXBSAD5	310x400x110	N/A	24,3	48,6	60,7	85,0	97,2	109,3	N/A	170,1
MXBSAE5	310x400x140	N/A	27,4	54,9	68,7	96,2	109,9	123,7	N/A	192,4
MXBSAF5	310x400x180	N/A	31,9	63,8	79,7	111,6	127,6	143,5	N/A	223,3
MXBSAG5	310x400x230	N/A	36,7	73,5	91,9	128,7	147,1	165,5	N/A	257,4
MXBSAH5	310x600x110	N/A	32	64	80	112,0	128,1	144,1	N/A	224,1
MXBSAI5	310x600x180	N/A	41,3	82,7	103,4	144,8	165,5	186,2	N/A	289,6
MXBSAJ5	600x600x200	N/A	64,5	129,1	161,4	226,0	258,3	290,5	N/A	452

Tableaux 5 / *tables 5*

L'appareil doit également comporter le marquage normalement prévu par les normes de construction qui le concernent sous la responsabilité du fabricant.

The equipment shall also bear the usual marking required by the product standards applying to such equipment under the manufacturer responsibility.

13 CONDITIONS PARTICULIERES D'UTILISATION

SPECIFIC CONDITIONS OF USE

a. Les boites de jonction, les prises et leurs accessoires doivent être installées conformément aux conditions spéciales d'utilisation spécifiées dans leur propre certificat et aux instructions du fabricant.

Junction boxes, socket outlets & inlets and their accessories shall be installed in accordance with the specific conditions of use mentioned on their certificate and the manufacturer's instruction.

b. Toutes les entrées de l'enveloppe doivent être équipées des entrées de câble ou des éléments d'obturation certifiés avec un mode de protection et un dégrée de protection compatible pour l'usage prévu.

All entries in the enclosure shall be equipped with cable glands or blanking elements certified with a protection mode and an ingress protection compatible for the intended use.

c. Toutes les parties conductrices doivent être séparées par une distance supérieure ou égale à celles requises par la norme EN 60079-7.

All conducting parts shall be separated from a distance superior or equal to the ones required by EN 60079-7 standard.

d. Les enveloppes équipées de parties transparentes en polycarbonate, les enveloppes peintes ayant une épaisseur de peinture supérieure à 0.2 mm, et les enveloppes en GRP non-antistatique (autre que celles en couleur noir) : nettoyer uniquement avec un chiffon mouillé ou des produits antistatiques.

Enclosures equipped with polycarbonate transparent parts, painted enclosures having paint layer thickness more than 0.2 mm, and not antistatic GRP enclosures (other than the black colored ones): clean only by damp cloth or antistatic products.

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e. Pour les entrées filetées avec des filets parallèles, l'utilisation d'une garniture est requise

f. Les modèles équipés de DXN1 ne doivent pas être soumis à des chocs mécaniques de plus de 4J.

Conditions complémentaires pour modèles en version sécurité intrinsèque :

g. L'utilisateur final doit raccorder l'appareil qu'à un matériel associé de sécurité intrinsèque certifié. Cette association doit être compatible du point de vue de la sécurité intrinsèque.

h. Le fabricant devra s'assurer que les bornes des circuits de sécurité intrinsèque sont séparées de celles des circuits de non sécurité intrinsèque conformément au paragraphe 6.2 de la norme EN 60079-11.

i. Le fabricant devra s'assurer que la séparation des parties conductrices entre des circuits de sécurité intrinsèque et de sécurité non intrinsèque, ou différents circuits de sécurité intrinsèque, ou un circuit et des parties métalliques isolées ou raccordées à la terre doit être conforme au paragraphe 6.3 de la norme EN 60079-11.

For the threaded entries with parallel threads, the use of a gasket is required.

The models equipped with DXN1 shall not be exposed to mechanical impact higher than 4 Joules.

Additional conditions for models in intrinsic safety version :

The final users shall only connect the equipment to certify associated intrinsically safe apparatus. This combination must be compatible as regards intrinsic safety rules.

The manufacturer shall ensure that terminals for intrinsic safety circuits shall be separated from those for non-intrinsic safety circuits in accordance with clause 6.2 of EN 60079-11 standard.

The manufacturer shall ensure that separation of conductive parts between intrinsically safe and non-intrinsically safe circuits, or different intrinsically safe circuits, or a circuit and earthed or isolated metal parts shall conform to clause 6.3 of EN 60079-11 standard.

14 EXIGENCES ESSENTIELLES DE SANTE ET DE SECURITE

Couvertes par les normes listées au point 8.

ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

Covered by standards listed at 8.

15 DOCUMENTS DESCRIPTIFS

DESCRIPTIVE DOCUMENTS

N°	Description	Reference	Rev.	Date	Page(s)
1.	Dossier technique / Technical file	TN1605	0	2016/11/22	75
2.	Notice / Instruction sheet	Annexe 1 / Annex 1	Draft	---	5

16 INFORMATIONS COMPLEMENTAIRES

Essais individuels

Pour modèles du mode de protection Ex e, chaque exemplaire de l'appareil doit être soumis à un essai de rigidité diélectrique conformément à la clause 7.1 de la norme EN 60079-7.

Essai complémentaire pour modèles en version sécurité intrinsèque :
L'isolation entre des circuits de sécurité intrinsèque et de sécurité non intrinsèque, ou différents circuits de sécurité intrinsèque, ou un circuit et des parties métalliques ou le châssis raccordés à la terre doit pouvoir supporter l'essai de rigidité diélectrique du §6.3.13 de la norme EN 60079-11.

Ces produits sont déclarés conformes par leurs fabricants et leur conformité ne relève pas de la responsabilité du LCIE.

Conditions de certification

Les détenteurs d'attestations d'examen UE de type doivent également satisfaire les exigences de contrôle de production telles que définies à l'article 13 de la Directive 2014/34/UE.

ADDITIONAL INFORMATIONS

Routine tests

For models of protection type Ex e, each equipment shall be submitted to a dielectric strength test in accordance with clause 7.1 of the EN 60079-7 standard.

Additional test for models in intrinsic safety version :
Insulation between intrinsically safe and non-intrinsically safe circuits, or different intrinsically safe circuits, or an intrinsically safe circuit and earthed frame or metal parts shall be capable of complying with dielectric strength tests in §6.3.13 of EN 60079-11 standard.

These products are declared compliant by their manufacturers and their conformity does not fall under the responsibility of LCIE.

Conditions of certification

Holders of EU type examination certificates are also required to comply with the production control requirements defined in article 13 of Directive 2014/34/EU.

17 DETAILS DES MODIFICATIONS

Version 00 : Evaluation de boitier de prises, type MXBS selon les normes EN 60079-0:2012+A11:2013, EN 60079-7:2015, EN 60079-11:2012 et EN 60079-31:2014.

DETAILS OF CHANGES

Issue 00 : Assessment of the box with socket outlet & inlet, type MXBS according to EN 60079-0:2012+A11:2013, EN 60079-7:2015, EN 60079-11:2012 and EN 60079-31:2014.

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CERTIFICATION DOSSIER

Sub-section 2.1

INSPECTION AND TEST PLAN FOR JUNCTION BOXES

1724001481-QC-ITP-00002

Base Load Power Hub (BLPH)

JB, SOCKET

INSPECTION AND TEST PLAN

Document Number: 1724001481-QC-ITP-00002

Document Class: 2

ROSETTI MARINO	
1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED
NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.	
Sign	Date
ROSETTI MARINO S.p.A. Stefano Lilliu Quality Control Head	20/12/2024

Rev.	Date	Description	Prepared	Reviewed	Approved
02	2/12/2024	Accepted for Construction (AFC)	M. BERZOINI	T. CAVALLONE	T. CAVALLONE
01	24/09/2024	Accepted for Construction (AFC)	M. BERZOINI	T. CAVALLONE	T. CAVALLONE
00	05/08/2024	Issue for Review (IFR)	M. BERZOINI	T. CAVALLONE	T. CAVALLONE

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Revision / Change Log

Rev.	Description
00	Issue for Review (IFR)
01	Accepted for Construction (AFC)
02	Accepted for Construction (AFC)

HOLDS LIST

No.	Description
1	
2	
3	
4	

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1 INTRODUCTION

1.1 PROJECT OVERVIEW

Crosswind, a Shell and Eneco joint venture, was awarded the tender to develop the offshore Hollandse Kust Noord (HKN) wind farm, located 18.5km off the coast of Netherlands near the town of Egmond aan Zee. The consortium plans to have HKN operational in 2023 with an installed capacity of 759MW generating at least 3.3TWh per year. This is sufficient renewable power to supply more than 1 million Dutch households with green electricity.

Offshore wind farms produce intermittent electricity and balancing these dips and peaks and integrating this electricity into the national energy system requires new technologies. For this reason, the offshore wind farm will include several new technologies that could be implemented at full-scale in the future. The new technologies being explored include a floating solar park, a short-duration battery storage as well as long-term storage via green hydrogen produced by water electrolysis and subsequently consumed in a fuel cell. The combination of these individual measures, herein referred to as the Base Load Power Hub (BLPH) will ensure a continuous power supply regardless of the wind situation.

1.1.1 Project Location

The Hollandse Kust Noord (HKN) wind farm is located 18.5km off the coast of the Netherlands near the town of Egmond aan Zee.

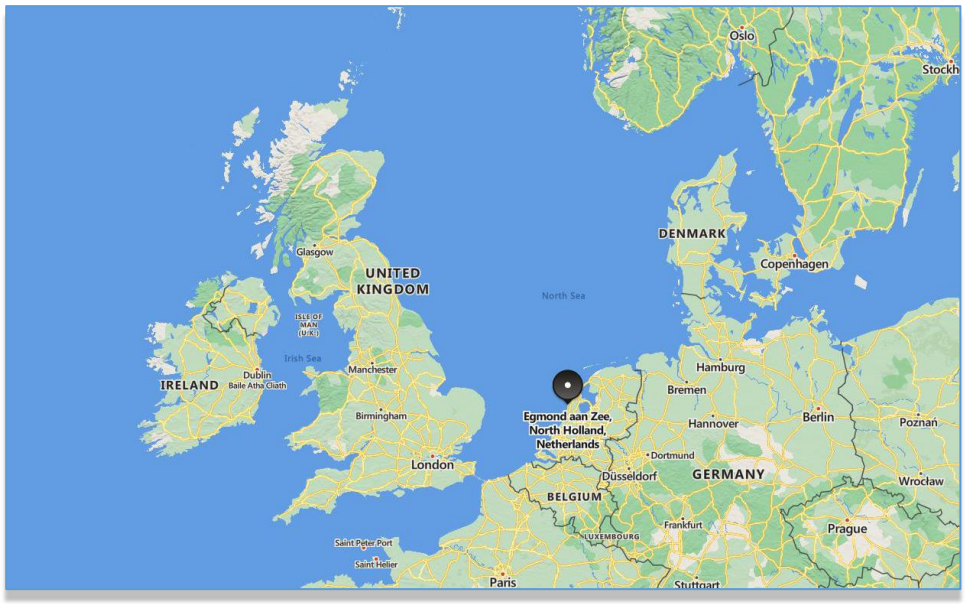


Figure 1 HOLLANDSE KUST NOORD WIND PARK Location Map



Figure 2 - Wind Park Details

The wind farm will consist of No. 69 x 11.5MW wind turbine generators each to be installed on a dedicated monopile structure. A 70th monopile located on coordinates E 590719.1, N 5841602.3 is reserved for installing the platform accommodating the BLPH. The monopile structure was designed and installed by Van Oord Offshore Wind (VooW) and therefore not part of the BLPH scope.

1.1.2 Project Concept

All components included in the BLPH will be integrated onshore on a topsides and installed in an offshore location within the boundaries of the HKN wind farm. At its simplest, the BLPH will store energy during periods of high electricity generation from renewable sources (a wind turbine generator and the floating solar PV farm) and release it during periods of low generation. In practice. It is expected that the energy stored will supplement generation from renewable sources to ensure that at least 1.0MW of power is exported to the electrical grid regardless of wind/solar availability.

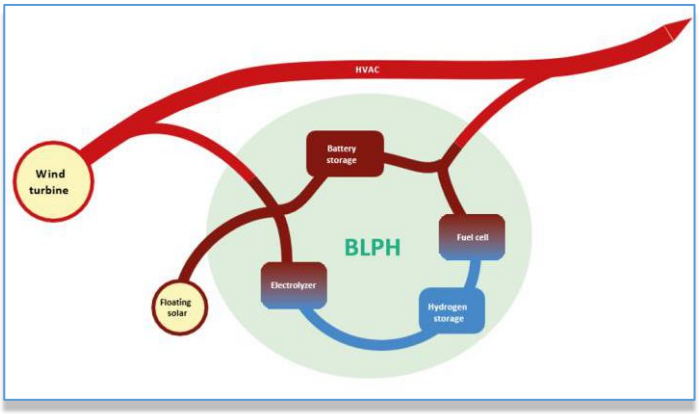


Figure 3 – BLPH Concept

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Electricity in the BLPH will be stored in the form of electrons in a battery energy storage system (BESS) as well as converted into green hydrogen via water electrolysis. When the power output from the connecting wind turbine drops to below 1 MWe, the BLPH will return its stored energy to supplement the remaining power output. This will be by discharging the BESS, while stored hydrogen will be converted back into electricity using a fuel cell to extend the discharge duration.

The purpose of the BLPH s to function as a testbed for the integration of energy storage technologies with renewable generation. It is expected that equipment installed on the BLPH will operate as Normally Unmanned Installation for at least two (2) years with no or minimal maintenance and it will have its own independent control room with the ability to communicate with Crosswind's control room.

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2 DOCUMENT PURPOSE AND SCOPE

This plan defines inspections and tests to be carried out to verify quality requirements identified in all contractual documents: Drawings, Specification, Codes and Standards latest revisions.

This document shall be applied to structural fabrication and erection activities for Base Load Power Hub (BLPH), including sea fastening and grillage. Disciplines other than structural are covered by dedicated project ITPs.

2.1 DEFINITIONS AND ABBREVIATIONS

COMPANY or Client (CPY):	Crosswind
CONTRACTOR (CTR):	ROSETTI MARINO S.p.A.
PROJECT:	HOLLANDSE KUST NOORD WIND PARK Project
CA	Certification Agency
DS	Surveyor
EXP	Expediting dept.
LOG	Logistic Dept.
NDE	Non Destructive Examination
PQR	Procedure Qualification Record
QC	Quality Control Dept.
QCI	Quality Control Inspector
SC	Sub-contractor
WI	Welding Inspector
WLD	Welding Dept.
WQR	Welder Qualification Record
WPS	Welding Procedure Specification

Table 1 - Definitions and Abbreviations

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Inspection and Test Plan

Customer	ROSETTI MARINO
Equipment	Junction Box
Purchase Order	1724001481 123A90A
Our Order	I2400722
Revision	01
Document Number	I2400722

Activities Legend		**Comments Area**
SW	SPOT WITNESS 10%	
W	WITNESS POINT	
H	HOLD POINT	
R	REVIEW OF DOCUMENT	
S	SUBVENDOR	
TPI	THIRD PARTY (IF ANY)	

Rev	Date	Description	Written by	Checked by	Approved by
00	01/08/2024	Issue for Approval	TC	AS	TC
01	23/09/2024	Issue for Approval	TC	AS	TC

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

Inspection and Test Plan

Vendor Company: Technor ITALSMEA	**Our Job:** I2400722	**PO No:**1724001481 123A90A
Equipment: Junction Box	**Revision:** 01	**Doc No:** I2400722

Item	Description	Item	Description
10	2JBXXSSSA Junction Box AISI 316 SAFE AREA JUNCTION BOX SB-769520 - ENCLOSURE (EXT.DIM.760X950X200MM)	**40**	2JBXXGPSA Junction Box GRP SAFE AREA JUNCTION BOX SB-385716 - ENCLOSURE (EXT.DIM.380X570X160MM)
20	2JBXXGPEE Junction Box GRP EEX-E JUNCTION BOX AQ-252612P - ENCLOSURE (EXT.DIM.250X255X120)	**50**	1EQP155 SOCKET MXBS - 252612P + DSN1 - ENCLOSURE (EEXT.DIM.250x260x12mm)
30	2JBXXGPSA Junction Box GRP SAFE AREA JUNCTION BOX AQ-252612P - ENCLOSURE (EXT.DIM.250X255X120)	**60**	1EQP155 SOCKET MXBS - 414012P + DS9 - ENCLOSURE (EXT.DIM.410X400X120MM)

Item	Q.C Activity	Reference Document	Acceptance criteria reference	Verifying Documents	TNI	RM	CW	Remark
1	Kick off meeting	--	--	--	H	R	R	
2	Document review/approval	--	--	--	H	R	R	
3	PO compliance assessment	--	--	--	H	R	R	
4	Visual check & marking check	Approved drawings Doc. NO. 1724001481-EL-DA-00003	Approved drawings Doc. NO. 1724001481-EL-DA-00003	Inspection Report Mod.2 UQA-PR-04	H	W	R	

Item	Q.C Activity	Reference Document	Acceptance criteria reference	Verifying Documents	TNI	RM	CW	Remark
5	Dimensional Check	Approved drawings Doc. NO. 1724001481-EL-DA-00003	Approved drawings Doc. NO. 1724001481-EL-DA-00003	Inspection Report Mod.2 UQA-PR-04	H	W	R	
6	Dielectric Test	Instruction Operating Mod.03 UQA-PR-04	1890V x 5 Sec EN 61439 Part 1 & 2 IEC 60664-1 Part 4.1.2.3.1	Inspection Report Mod.2 UQA-PR-04	H	W	R	
7	Functional Test	Instruction Operating Mod.03 UQA-PR-04	Approved drawings Doc. NO. 1724001481-EL-DA-00003	Inspection Report Mod.2 UQA-PR-04	H	W	R	
8	Check of Explosion proof certificate	According to Atex/IECEx	According to Atex/IECEx	According to Atex/IECEx	H	R	R	
9	Certificate of Conformity to the Order	Certificate of Conformity to the Order	Certificate of Conformity to the Order	Certificate of Conformity to the Order	H	R	R	
10	Painting/Surface check	Instruction Operating PRD-SP-02	Instruction Operating PRD-SP-02	Inspection Report Mod.2 UQA-PR-04	H	R	R	
11	Internal Inspection Report	Internal Inspection Report	Mod. 002-Proc. UQA-PR-004	Inspection Report Mod.2 UQA-PR-04	H	R	R	
12	Inspection release	IRN	--	IRN	H	R	R	
13	Packing inspection before release	Approved Packing list	--	Packing List	H	R	R	
12	Manufacturing Record Book review and submission	MRB Doc.No.1724001481-QC-DB-00008	--	MRB Doc.No.1724001481-QC-DB-00008	H	R	R	

Sub-section 2.2

FACTORY ACCEPTANCE TEST PROCEDURE FOR JUNCTION BOXES

FAT Procedure Technor Italsmea

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2. APPLICATION FIELD 2
3. TESTING PROCEDURE 2
3.1 Distribution Board, Junction boxes & Lighting Fixture 2
4. RESPONSIBILITY 3
5. REFERENCES 3

1. SCOPE

The Factory Acceptance Test procedure is issued for the performing of tests and inspections for instrument Junction Box.

2. APPLICATION FIELD

This instruction is applied to all products assembled and manufactured by Technor Italsmea according to its own standards or to customers' specification.

3. TESTING PROCEDURE

1. Visual and Dimensional: Verification of the conformity to Drawing
2. Verification of the conformity to the order specifications and approved drawings
3. Visual check of the conductor wiring (if applicable)
4. Verification of the correct assembling of all components
5. Verification of data labels
6. Verification of the conformity of the materials to the electric diagram
7. Verification of the conformity of the electrical connections to the diagram (if applicable)
8. Verification of conductor identification
9. Insulation Resistance Test (if applicable)
10. Main circuit power supply (if applicable)
11. Verification of IECEx Certification
12. Verification of name plate & TAG plate

3.1 Electrical Junction Boxes

Tests as per IEC 61439 Part 1 & Part 2, and as per IEC 60664-1:

1. Dielectric Test (instrument used: HT FULLTEST3 0-5 KV AC)
2. Insulation Resistance Test (instrument used: HT FULLTEST3 0-1000 V DC)
3. Functional Test

The value of dielectric test voltage for Power circuits must be:

Insulating Nominal Voltage Ui (Volt)	Dielectric Test Voltage in AC
Ui < 60 V	1000 V
60 V < Ui < 300 V	1500 V
300 V < Ui < 690 V	1890 V

The voltage must be applied between all the active parts and the earth of the apparatus for 5 seconds without discharge.

- Testing step to apply the voltage, acceptance criteria shall be given (maximum leakage 50Ma)
- Insulation resistance shall be performed before and after dielectric test

The value of dielectric test voltage for Auxiliary circuits must be:

Insulating Nominal Voltage Ui (Volt)	Dielectric Test Voltage in AC
Ui < 12 V	250 V
12 V < Ui < 60 V	500 V
Ui > 60 V	2 Ui + 1.000 V (minimum 1.500 V)

The voltage must be applied between all the active parts and the earth of the apparatus for 5 seconds without discharge.

- Testing step to apply the voltage, acceptance criteria shall be given (maximum leakage 50Ma)
- Insulation resistance shall be performed before and after dielectric test

In case the equipment between main or auxiliary circuits has been previously subject to voltage test, the voltage stated in tables above shall be lowered to 85%.

Junction Box, Local Control Station and Local Control Panel fitted with wiring, shall be subject to a routine dielectric strength test according to clause 7.1 of IEC 60079-7.

Insulation Resistance Test

This test shall be done by using an impulse insulating measurement device with a voltage of at least 500V in DC for 5 seconds. The insulating resistance tested must not be lower than 50 MΩ.

4. RESPONSIBILITY

Quality manager assures the correct application of what described in this document. Quality controller has responsibility to perform the check and the tests, and to give evidence of the result by ITP and Test report.

5. REFERENCES

- 2014/34/UE: Directive ATEX
- IEC 60079-0: Explosive atmospheres - Equipment - General requirements
- IEC 60079-1: Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
- IEC 60079-7: Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
- IEC 61439-1: Low-voltage switchgear and control gear assemblies - Part 1: General rules
- IEC 61439-2: Low-voltage switchgear and control gear assemblies - Part 2: Power switchgear and control gear assemblies
- IEC 60664-1: Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests

Sub-section 2.3

FACTORY ACCEPTANCE TEST REPORTS FOR JUNCTION BOXES

Customer:	ROSETTI MARINO
Purchase order No.:	1724001481 123A90A
Type of Material:	Junction Box and Sockets
Our ref.:	I2400722
Specs. Dwgs.:	As per approval
Applicable rules:	2014/34/UE
Status of P.O.:	Complete ☒ Partial ☐ Date: 26/09/2024

Item/Line	Materials/Descriptions	Qty	Inspection Result	Remark
10	2JBXXSSSA Junction Box AISI 316 SAFE AREA JUNCTION BOX SB-769520 - ENCLOSURE	1	Satisfactory	
20	2JBXXGPEE Junction Box GRP EEX-E JUNCTION BOX AQ-252612P - ENCLOSURE	92	Satisfactory	
30	2JBXXGPSA Junction Box GRP SAFE AREA JUNCTION BOX AQ-252612P - ENCLOSURE	5	Satisfactory	
40	2JBXXGPSA Junction Box GRP SAFE AREA JUNCTION BOX SB-385716 - ENCLOSURE	1	Satisfactory	
50	1EQP155 SOCKET MXBS - 252612P + DSN1 - ENCLOSURE	6	Satisfactory	
60	1EQP155 SOCKET MXBS - 414012P + DS9 - ENCLOSURE	4	Satisfactory	

CHECK AND TEST EXECUTED		Result	CHECK AND TEST EXECUTED		Result
Material Verification (As per Mod.3 UQA-PR-04)		Satisfactory	**Continuity check** (As per Mod.3 UQA-PR-04)		Satisfactory
Visual and dimensional check (As per Mod.3 UQA-PR-04)		Satisfactory	**Insulation test** (As per Mod.3 UQA-PR-04)	≥ 50 MΩ 500 VDC	Satisfactory
Working Control (As per Mod.3 UQA-PR-04)		Satisfactory	**Dielectric test** (As per Mod.3 UQA-PR-04)	1890 VAC x 5 sec.	Satisfactory
Hydrostatic test (During fabrication (As per UQA-IO-04)		NA	**Electric running test** (As per Mod.3 UQA-PR-04)		Satisfactory
Painting and other protection (As per PRD-IO-02)		NA	**Labels checking** (As per Mod.3 UQA-PR-04)		Satisfactory

Technor Italsmea S.p.A.
T.Cavallone
Quality Control

For Technor Italsmea: _____ **For Customer:** _____

HEAD OFFICE
Via Italia, 33 20060 Gessate Milan Italy
Phone +39 - 02 – 9500151
Fax +39 - 02 - 95781462
quality@italsmea.com

technor.com

MARECHAL ELECTRIC GROUP

Sub-section 2.4

MATERIAL TEST CERTIFICATES FOR JUNCTION BOXES

Order ref. ON A 2402193 - Item L316/316L 2B 2X1500X3000 - Quantity 14 UM ST NIM Acciai Vender 2024115657 - Heat E232043 - Supplier Batch 24XA019159 - Product Id 2024079017
Delivery num 0102005188 - Confimation Order 2020010606 - Date 09/07/2024 00:00:00

MARCEGAGLIA SPECIALTIES

Type: Inspection Certificate 3.1 AD-2000 EN10204 | Number: 10724324712 | Issued On: 13/05/2024

- QMS approved acc AD-2000 W0 with Cert 01 202 I/Q-08 5131 by TUV Rheinland (0035), cert. PED 2014/68/UE Annex I §4.3 by TUV Rheinland (0035)
- Material acc. AD2000 W2 - W10 in ref to EN10028-7
- Material conforming to NACE MR0175/MR0103 - ISO17945 - ISO15156-1/ISO15156-3

Customer	Consignee			Quality Control	Pages
NS.DEP.C/O ACCIAI VENDER SPA VIA NOBEL 4A-Q.RE IND.LE S.P.I 43100 PARMA IT	NS.DEP.C/O ACCIAI VENDER SPA VIA NOBEL 4A-Q.RE IND.LE S.P.I 43100 PARMA IT	Delivery Nn Of Delivery note nr	8920517441 13/05/2024 2507001578	Q.M.D./Q.M. A.Venturini Plant Of Gazoldo	6/6

Material	Norm/Grade	Order Nr	Client Order
51800101	**EN10028-7,EN10088-2,EN10088-4,ASTM A240/A240M, A480/A480M, ASME SA240/SA240M, SA480/SA480M**	**1591891447/120**	**4300000040 MAG**
Description: **LXF002 2,00 x 1500 x 3000 4404/316L**	Quality/Qualità: **X2CrNiMo17-12-2, WNR1.4404, 316L / AISI316, X5CrNiMo17-12-2, WNR1.4401, 316**		Client Date: **20/03/2024**

Item	Identification Nr	Heat	Quantity
1	24XA019159	E232043	1488 KG
2	24XA019170	E232043	1482 KG
3	24XA019172	E232043	1484 KG

Dimensional tolerances/
EN9445-2

Steel Processing/
Electric arc furnace VOD/AOD, continuous casting, heat threatment /annealing at 1050°C, forced air cooling

Mark Tester/
- Organization inspection: CQ3

- ASME norms acc. Sec. II Part A Ed. 2023

Terms of Delivery/

Identification Nr	Chemical Type	Mark	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Mo (%)	N (%)
24XA019159	Product	24YP005296	.017	.475	1.290	.0320	.0010	16.760	10.060	2.050	.0520
24XA019170	Product	24YP005296	.017	.475	1.290	.0320	.0010	16.760	10.060	2.050	.0520
24XA019172	Product	24YP005296	.017	.475	1.290	.0320	.0010	16.760	10.060	2.050	.0520

Identification Nr	Test position	Test direction	Mark	Rm [N/mm²]	Rp 0.2 [N/mm²]	RP 1 [N/mm²]	A80 (%)	A50 (%)	HRB	HRB2
24XA019159	B	T	24YP005296	615	306	337	50.0	53.1	82	82
24XA019170	B	T	24YP005296	615	306	337	50.0	53.1	82	82
24XA019172	B	T	24YP005296	615	306	337	50.0	53.1	82	82

Test Position/Posizione Prova
B=Coil End
C=Coil middle
T=Coil head

Test Direction/Direzione Prova
T=Transverse Direction
L=Longitudinal Direction

Remarks about tensile test:
- Confirmation of adequate degree of reliability for the uniformity over the strip length with certificate issued by TÜV Rheinland Group dt. June 19, 2019
- Tensile test according EN ISO 6892-1 B / A-SA 370

Other controls:
- Dimensions within tolerances, spectrometrical identity test OK
- Corrosion Test EN ISO3651-2 Method A and ASTM A262 pract.E OK

Remarks:
- Surface finish 2B
- We certify that products listed above comply with order requirements
- Document validated acc. EN10204 par. 5
- Norms are intended in the valid edition at the time of the order
- Durability: NPD
- Regulated Substances: NPD
- Intended Uses: Building Constructions or Civil Engineering
- DoP available at http://www.marcegaglia.com/brochure/e/quality/dop.html
-surface finish 2B

UKCA 1244 22 MARCEGAGLIA SPECIALTIES v. Bresciani, 16 46040 - Gazoldo D. I. Mantova - Italy EN 10088-4:2009

CE 0474 13 MARCEGAGLIA SPECIALTIES v. Bresciani, 16 46040 - Gazoldo D. I. Mantova - Italy EN 10088-4:2009

Order ref. ON A 2402192 - Item L316/316L 2B 1,5X1500X3000 - Quantity 13 UM ST NIM Acciai Vender 2024117291 - Heat 60802 - Supplier Batch 24YT000712 - Product Id 2024012766
Delivery num 0102005193 - Confimation Order 2020010670 - Date 10/07/2024 00:00:00

1724001481-QC-DB-00008_03

MARCEGAGLIA SPECIALTIES

Type Inspection Certificate 3.1 AD-2000 EN10204 Number 10724051307 Issued On 24/01/2024

- QMS approved acc AD-2000 W0 with Cert 01 202 I/Q-08 5131 by TUV Rheinland (0035), cert. PED 2014/68/UE Annex I §4.3 by TUV Rheinland (0035)
- Material acc. AD2000 W2 - W10 in ref to EN10028-7
- Material conforming to NACE MR0175/MR0103 - ISO17945 - ISO15156-1/ISO15156-3

Customer	Consignee				
NS.DEP.C/O ACCIAI VENDER SPA VIA NOBEL 4A-Q.RE IND.LE S.P.I 43100 PARMA IT	NS.DEP.C/O ACCIAI VENDER SPA VIA NOBEL 4A-Q.RE IND.LE S.P.I 43100 PARMA IT	Delivery Nn Of Delivery note nr	8920407787 24/01/2024 2507000298	Quality Control Q.M.D./Q.M. A.Venturini Plant Of Gazoldo	Pages 2/2

Material	Norm/Grade	Order Nr	Client Order
50602278	**EN10028-7,EN10088-2,EN10088-4,ASTM A240, ASME SA240, ASTMA480, ASME SA480**	**1591888143/50**	**2E/00000054**
Description	Quality/Qualità		Client Date
CXF02C 1,50 x 1500 4404/316L SR 6/15 FINITURA "2B"	**X2CrNiMo17-12-2, WNR1.4404, 316L / AISI316, X5CrNiMo17-12-2, WNR1.4401, 316**		**10/5/2023**

Item	Identification Nr	Heat	Quantity
1	24YT000708	60802	8400 KG
2	24YT000712	60802	8280 KG

Dimensional tolerances/
EN9445-2

Steel Processing/
Electric arc furnace VOD/AOD, continuous casting, heat threatment /annealing at 1050°C, forced air cooling

- ASME norms acc. Sec. II Part A Ed. 2021

Mark Tester/
- Organization inspection: CQ3

Terms of Delivery/

Identification Nr	Chemical Type	Mark	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Mo (%)	N (%)
24YT000708	Product	24H2000435	.021	.460	.990	.0320	.0020	17.200	10.000	2.010	.0520
24YT000712	Product	24H2000434	.021	.460	.990	.0320	.0020	17.200	10.000	2.010	.0520

Identification Nr	Test position	Test direction	Mark	Rm [N/mm²]	Rp 0.2 [N/mm²]	RP 1 [N/mm²]	A80 (%)	A50 (%)	HRB	HRB2
24YT000708	B	T	24H2000435	609	291	325	50.5	53.6	81	81
24YT000712	B	T	24H2000434	609	291	325	50.5	53.6	81	81

Test Position/Posizione Prova
B=Coil End
C=Coil middle
T=Coil head

Test Direction/Direzione Prova
T=Transverse Direction
L=Longitudinal Direction

Remarks about tensile test:
- Confirmation of adequate degree of reliability for the uniformity over the strip length with certificate issued by TÜV Rheinland Group dt. June 19, 2019
- Tensile test according EN ISO 6892-1 B / A-SA 370

Other controls:
- Dimensions within tolerances, spectrometrical identity test OK
- Corrosion Test EN ISO3651-2 Method A and ASTM A262 pract.E OK

Remarks:
- Surface finish 2B
- We certify that products listed above comply with order requirements
- Document validated acc. EN10204 par. 5
- Norms are intended in the valid edition at the time of the order
- Durability: NPD
- Regulated Substances: NPD
- Intended Uses: Building Constructions or Civil Engineering
- DoP available at http://www.marcegaglia.com/brochure/e/quality/dop.html
-surface finish 2B

UKCA 1244 22 MARCEGAGLIA SPECIALTIES v. Bresciani, 16 46040 - Gazoldo D. I. Mantova - Italy EN 10088-4:2009

CE 0474 13 MARCEGAGLIA SPECIALTIES v. Bresciani, 16 46040 - Gazoldo D. I. Mantova - Italy EN 10088-4:2009

MARCEGAGLIA SPECIALTIES

Type Inspection Certificate 3.1 AD-2000 EN10204 Number 10724286209 Issued On 23/04/2024

- QMS approved acc AD-2000 W0 with Cert 01 202 I/Q-08 5131 by TUV Rheinland (0035), cert. PED 2014/68/UE Annex I §4.3 by TUV Rheinland (0035)
- Material acc. AD2000 W2 - W10 in ref to EN10028-7
- Material conforming to NACE MR0175/MR0103 - ISO17945 - ISO15156-1/ISO15156-3

Customer	Consignee			Quality Control	Pages
NS.DEP.C/O ACCIAI VENDER SPA VIA NOBEL 4A-Q.RE IND.LE S.P.I 43100 PARMA IT	NS.DEP.C/O ACCIAI VENDER SPA VIA NOBEL 4A-Q.RE IND.LE S.P.I 43100 PARMA IT	Delivery Nn Of Delivery note nr	8920508700 23/04/2024 2507001319	Q.M.D./Q.M. A.Venturini Plant Of Gazoldo	4/6

Material	Norm/Grade	Order Nr	Client Order
51800098	EN10028-7,EN10088-2,EN10088-4,ASTM A240/A240M, A480/A480M, ASME SA240/SA240M, SA480/SA480M	1591891447/110	4300000040 MAG
Description	**Quality/Qualità**		**Client Date**
LXF002 3,00 x 1500 x 3000 316L/4404	X2CrNiMo17-12-2, WNR1.4404, 316L / AISI316, X5CrNiMo17-12-2, WNR1.4401, 316		20/03/2024

Item	Identification Nr	Heat	Quantity
1	24TV009505	E232041	1480 KG
2	24TV009507	62278	1478 KG
3	24TV009508	62278	1492 KG
4	24TV009509	62278	1486 KG

Dimensional tolerances/
EN9445-2

Steel Processing/
Electric arc furnace VOD/AOD, continuous casting, heat threatment /annealing at 1050°C, forced air cooling

Mark Tester/
- Organization inspection: CQ3

- ASME norms acc. Sec. II Part A Ed. 2023

Terms of Delivery/

Identification Nr	Chemical Type	Mark	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Mo (%)	N (%)
24TV009505	Product	24YP005318	.023	.498	1.340	.0330	.0010	16.880	10.120	2.050	.0580
24TV009507	Product	24YP005328	.019	.510	1.000	.0360	.0010	17.100	10.000	2.020	.0510
24TV009508	Product	24YP005328	.019	.510	1.000	.0360	.0010	17.100	10.000	2.020	.0510
24TV009509	Product	24YP005328	.019	.510	1.000	.0360	.0010	17.100	10.000	2.020	.0510

Identification Nr	Test position	Test direction	Mark	Rm [N/mm²]	Rp 0.2 [N/mm²]	RP 1 [N/mm²]	A5D (%)	A50 (%)	HRB B	HRB T
24TV009505	B	T	24YP005318	607	301	341	55.8	55.1	81	81
24TV009507	B	T	24YP005328	602	292	334	55.7	55.0	81	81
24TV009508	B	T	24YP005328	602	292	334	55.7	55.0	81	81
24TV009509	B	T	24YP005328	602	292	334	55.7	55.0	81	81

Test Position/Posizione Prova
B=Coil End
C=Coil middle
T=Coil head

Test Direction/Direzione Prova
T=Transverse Direction
L=Longitudinal Direction

Remarks about tensile test:
- Confirmation of adequate degree of reliability for the uniformity over the strip length with certificate issued by TÜV Rheinland Group dt. June 19, 2019
- Tensile test according EN ISO 6892-1 B / A-SA 370

Other controls:
- Dimensions within tolerances, spectrometrical identity test OK
- Corrosion Test EN ISO3651-2 Method A and ASTM A262 pract.E OK

Remarks:
- Surface finish 2B
- We certify that products listed above comply with order requirements
- Document validated acc. EN10204 par. 5
- Norms are intended in the valid edition at the time of the order
- Durability: NPD
- Regulated Substances: NPD
- Intended Uses: Building Constructions or Civil Engineering
- DoP available at http://www.marcegaglia.com/brochure/e/quality/dop.html
-surface finish 2B

UK CA 1244 22 MARCEGAGLIA SPECIALTIES v. Bresciani, 16 46040 - Gazoldo D. I. Mantova - Italy EN 10088-4:2009

CE 0474 13 MARCEGAGLIA SPECIALTIES v. Bresciani, 16 46040 - Gazoldo D. I. Mantova - Italy EN 10088-4:2009

TRAFILERIE CARLO GNUTTI
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Cod. FIscale N. 00276360179 - Part. I.V.A. N. 00546750985
R.E.A. Brescia 75692 - Reg. Imp. di Brescia 00276360179
Cap. Soc. € 3.730.000 i.v.

COMPANY WITH QUALITY SYSTEM
CERTIFIED BY RINA ISO 9001

ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
28/03/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

DKC EUROPE SRL DIV.COSMEC
VIA ENRICO MATTEI,22
29010
VILLANOVA SULL'ARDA - PC - IT

NS. CONFERMA / *INTERNAL ORDERING*		DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS			
2123027594 000020	27/11/2023	1024009368	3124009570	000040	28/03/2024

MATERIALE / *MATERIAL* 033100270062280310

BARRA FORATA EN12168:16 CW617N-DW M-S RND 27 C X RND 15 (0/-1)

Vs. cod.

PESO / *WEIGHT*
1.989,5 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %	Si %			Cd %	Totale Altri	Zn %
57,0-59,0	1,6-2,2*	0,1 MAX*	0,3 MAX	0,3 MAX	0,05 MAX	0,03 MAX			0,01 MAX	0,2 MAX	RESTO
58,2	2,1	0,1	0,3	0,3	0,03	0,004			0,007	< 0,1	Resto

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Divisione COSMEC
Ufficio Tecnico
Villanova Sull'Arda

Other elements 0.02 % max

Conform to 4 MS Common Composition List and to DM174 of 06/04/04

Il Responsabile del Laboratorio/Quality Manager
Dr. Omodei Lorenzo

TRAFILERIE CARLO GNUTTI
sede legale in Chiari (Bs) - Via S.Bernardino, 23/A
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R.E.A. Brescia 75692 - Reg. Imp. di Brescia 00276360179
Cap. Soc. € 3.730.000 i.v.

COMPANY WITH QUALITY SYSTEM
CERTIFIED BY RINA ISO 9001

ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
28/03/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

DKC EUROPE SRL DIV.COSMEC
VIA ENRICO MATTEI,22
29010
VILLANOVA SULL'ARDA - PC - IT

NS. CONFERMA / *INTERNAL ORDERING*		DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS			
2124004637 000040	16/02/2024	1024009368	3124009570	000080	28/03/2024

MATERIALE / *MATERIAL* 033200300202280310
BARRA FORATA EN12168:16 CW617N-DW M-S HEX 30 C X RND 14 (0/-1) SH
Vs. cod.

PESO / *WEIGHT*
2.082,5 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %	Si %			Cd %	Totale Altri	Zn %
57,0-59,0	1,6-2,2*	0,1 MAX*	0,3 MAX	0,3 MAX	0,05 MAX	0,03 MAX			0,01 MAX	0,2 MAX	RESTO
58,4	2,0	0,0	0,2	0,3	0,02	0,006			0,006	< 0,1	Resto
58,1	2,0	0,1	0,3	0,3	0,03	0,007			0,006	< 0,1	Resto

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Divisione COSMEC
Ufficio Tecnico
Villanova Sull'Arda

Other elements 0.02 % max

Conform to 4 MS Common Composition List and to DM174 of 06/04/04

Il Responsabile del Laboratorio/Quality Manager
Dr. Omodei Lorenzo

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Cod. Fiscale N. 00276360179 - Part. I.V.A. N. 00546750985
R.E.A. Brescia 75692 - Reg. Imp. di Brescia 00276360179
Cap. Soc. € 3.730.000 i.v.

COMPANY WITH QUALITY SYSTEM
CERTIFIED BY RINA ISO 9001

ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
28/03/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

DKC EUROPE SRL DIV.COSMEC
VIA ENRICO MATTEI,22
29010
VILLANOVA SULL'ARDA - PC - IT

NS. CONFERMA / *INTERNAL ORDERING*		DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS			
2124002860 000020	31/01/2024	1024009368	3124009570	000050	28/03/2024

MATERIALE / *MATERIAL* 033200280162280310

BARRA FORATA EN12168:16 CW617N-DW M-S HEX 28 C X RND 12 (0/-1) SH

Vs. cod.

PESO / *WEIGHT*
886 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %	Si %			Cd %	Totale Altri	Zn %
57,0-59,0	1,6-2,2*	0,1 MAX*	0,3 MAX	0,3 MAX	0,05 MAX	0,03 MAX			0,01 MAX	0,2 MAX	RESTO
58,0	2,1	0,1	0,3	0,3	0,02	0,006			0,007	< 0,1	Resto

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DKC EUROPE S.r.l.
Divisione COSMEC
Ufficio Tecnico
Villanova Sull'Arda

Other elements 0.02 % max

Conform to 4 MS Common Composition List and to DM174 of 06/04/04

Il Responsabile del Laboratorio/Quality Manager
Dr. Omodei Lorenzo

TRAFILERIE CARLO GNUTTI
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Cod. Fiscale N. 00276360179 - Part. I.V.A. N. 00546750985
R.E.A. Brescia 75692 - Reg. Imp. di Brescia 00276360179
Cap. Soc. € 3.730.000 i.v.

COMPANY WITH QUALITY SYSTEM
CERTIFIED BY RINA ISO 9001

ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
28/03/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

DKC EUROPE SRL DIV.COSMEC
VIA ENRICO MATTEI,22
29010
VILLANOVA SULL'ARDA - PC - IT

NS. CONFERMA / *INTERNAL ORDERING*		DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS			
2124002860 000040	31/01/2024	1024009368	3124009570	000070	28/03/2024

MATERIALE / *MATERIAL* 333500540112280310

BARRA FORATA EN12168:16 CW612N M-S RND 54 C X RND 31 B (EL)

Vs. cod. **66OEM5431**

PESO / *WEIGHT*
856,5 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %				Cd %	Totale Altri	Zn %
59,0-60,0	1,6-2,5	0,3 MAX	0,3 MAX	0,3 MAX	0,05 MAX				0,01 MAX	0,2 MAX	RESTO
59,5	2,4	0,1	0,3	0,3	0,01				0,004	< 0,1	Resto

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Conforme DM174 del 06/04/04

Il Responsabile del Laboratorio/Quality Manager
Dr. Omodei Lorenzo

TRAFILERIE CARLO GNUTTI
sede legale in Chiari (Bs) - Via S.Bernardino, 23/A
Tel. 030 70061 - Telefax 030 7000154
e-mail qualita@gnuttichiari.it - http:www.gnuttichiari.it
Cod. Fiscale N. 00276360179 - Part. I.V.A. N. 00546750985
R.E.A. Brescia 75692 - Reg. Imp. di Brescia 00276360179
Cap. Soc. € 3.730.000 i.v.

COMPANY WITH QUALITY SYSTEM
CERTIFIED BY RINA ISO 9001

ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
28/03/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

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NS. CONFERMA / *INTERNAL ORDERING*		DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS			
2124002860 000030	31/01/2024	1024009368	3124009570	000060	28/03/2024

MATERIALE / *MATERIAL* 033600520152280310
BARRA FORATA EN12168:16 CW617N-DW M-S HEX 52 C X RND 42 B SH
Vs. cod.

PESO / *WEIGHT*
967 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %	Si %			Cd %	Totale Altri	Zn %
57,0-59,0	1,6-2,2*	0,1 MAX*	0,3 MAX	0,3 MAX	0,05 MAX	0,03 MAX			0,01 MAX	0,2 MAX	RESTO
58,1	2,1	0,1	0,3	0,3	0,03	0,005			0,008	< 0,1	Resto

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Other elements 0.02 % max

Conform to 4 MS Common Composition List and to DM174 of 06/04/04

Il Responsabile del Laboratorio/Quality Manager
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ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
28/03/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

DKC EUROPE SRL DIV.COSMEC
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NS. CONFERMA / *INTERNAL ORDERING*
2124002042 000070 23/01/2024

DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS
1024009368 3124009570 000030 28/03/2024

MATERIALE / *MATERIAL* 033500400252280310
BARRA FORATA EN12168:16 CW617N-DW M-S RND 40 C X RND 18 B
Vs. cod. **66OEM4018**

PESO / *WEIGHT*
1.744 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %	Si %			Cd %	Totale Altri	Zn %
57,0-59,0	1,6-2,2*	0,1 MAX*	0,3 MAX	0,3 MAX	0,05 MAX	0,03 MAX			0,01 MAX	0,2 MAX	RESTO
58,0	2,1	0,1	0,2	0,3	0,03	0,007			0,006	< 0,1	Resto

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Other elements 0.02 % max

Conform to 4 MS Common Composition List and to DM174 of 06/04/04

Il Responsabile del Laboratorio/Quality Manager
Dr. Omodei Lorenzo

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ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
28/03/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

DKC EUROPE SRL DIV.COSMEC
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NS. CONFERMA / *INTERNAL ORDERING*		DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS			
2124002042 000040	23/01/2024	1024009368	3124009570	000020	28/03/2024

MATERIALE / *MATERIAL* 033500250042280310
BARRA FORATA EN12168:16 CW617N-DW M-S RND 25 C X RND 18 B
Vs. cod.

PESO / *WEIGHT*
1.022 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %	Si %			Cd %	Totale Altri	Zn %
57,0-59,0	1,6-2,2*	0,1 MAX*	0,3 MAX	0,3 MAX	0,05 MAX	0,03 MAX			0,01 MAX	0,2 MAX	RESTO
57,9	2,1	0,1	0,2	0,3	0,00	0,004			0,006	< 0,1	Resto
58,4	2,1	0,0	0,3	0,3	0,02	0,007			0,008	< 0,1	Resto

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Other elements 0.02 % max

Conform to 4 MS Common Composition List and to DM174 of 06/04/04

Il Responsabile del Laboratorio/Quality Manager
Dr. Omodei Lorenzo

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ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
28/03/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

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29010
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NS. CONFERMA / *INTERNAL ORDERING*		DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS			
2124001815 000010	22/01/2024	1024009368	3124009570	000010	28/03/2024

MATERIALE / *MATERIAL* 333100620012300320
BARRA FORATA EN12168:16 CW612N M-S RND 62 C X RND 38 (0/-1.5) (EL)
Vs. cod.

PESO / *WEIGHT*
2.269,5 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %				Cd %	Totale Altri	Zn %
59,0-60,0	1,6-2,5	0,3 MAX	0,3 MAX	0,3 MAX	0,05 MAX				0,01 MAX	0,2 MAX	RESTO
59,6	2,3	0,1	0,2	0,3	0,00				0,005	< 0,1	Resto
59,6	2,2	0,1	0,2	0,3	0,01				0,005	< 0,1	Resto

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Conforme DM174 del 06/04/04

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Cap. Soc. € 3.730.000 i.v.

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ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
16/07/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

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NS. CONFERMA / *INTERNAL ORDERING*		DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS			
2124010134 000010	15/04/2024	1024020847	3124021351	000020	16/07/2024

MATERIALE / *MATERIAL* 333100750012280310

BARRA FORATA EN12168:16 CW612N M-S RND 75 C X RND 52 (0/-1.5) (EL)

Vs. cod.

PESO / *WEIGHT*
2.228 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %				Cd %	Totale Altri	Zn %
59,0-60,0	1,6-2,5	0,3 MAX	0,3 MAX	0,3 MAX	0,05 MAX				0,01 MAX	0,2 MAX	RESTO
59,9	2,3	0,1	0,3	0,3	0,01				0,007	< 0,1	Resto
59,9	2,3	0,0	0,2	0,3	0,02				0,007	< 0,1	Resto

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Conforme DM174 del 06/04/04

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COMPANY WITH QUALITY SYSTEM
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ATTESTATO DI COLLAUDO UNI EN 10204 2.2
TEST REPORT EN 10204 2.2

Data/Date
16/07/2024

DESTINATARIO / *RECEIVER*

CLIENTE / *PURCHASER*

DKC EUROPE SRL DIV.COSMEC
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NS. CONFERMA / *INTERNAL ORDERING*		DOCUMENTI DI SPEDIZIONE / SHIPPING DOCUMENTS			
2124009048 000010	03/04/2024	1024020847	3124021351	000010	16/07/2024

MATERIALE / *MATERIAL* 033500320012280310
BARRA FORATA EN12168:16 CW617N-DW M-S RND 32 C X RND 24 B
Vs. cod. **66OEM32**

PESO / *WEIGHT*
2.039 KG

COMPOSIZIONE CHIMICA / *CHEMICAL COMPOSITION*

(*) Restrizioni interne rispetto ai limiti previsti da norma EN / Internal restriction referred to EN standard

Cu %	Pb %	Ni %	Sn %	Fe %	Al %	Si %			Cd %	Totale Altri	Zn %
57,0-59,0	1,6-2,2*	0,1 MAX*	0,3 MAX	0,3 MAX	0,05 MAX	0,03 MAX			0,01 MAX	0,2 MAX	RESTO
58,1	2,1	0,0	0,3	0,3	0,01	0,006			0,006	< 0,1	Resto
58,5	2,0	0,1	0,3	0,3	0,01	0,006			0,006	< 0,1	Resto

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Other elements 0.02 % max

Conform to 4 MS Common Composition List and to DM174 of 06/04/04

Il Responsabile del Laboratorio/Quality Manager
Dr. Omodei Lorenzo

Sub-section 2.5

ATEX CERTIFICATES FOR JUNCTION BOXES

ATTESTATION D'EXAMEN UE DE TYPE
EU TYPE EXAMINATION CERTIFICATE

1 **Version : 00** — **LCIE 17 ATEX 3005 X** — **Issue : 00**

Directive 2014/34/UE / **Directive 2014/34/EU**

2 Appareil ou Système de Protection destiné à être utilisé en Atmosphères Explosibles / Equipment or Protective System Intended for use in Potentially Explosive Atmospheres

3 Produit : **Boitier de prise** / Product : **Box with socket-outlet & inlet**

Type: MXBS

4 Fabricant : / Manufacturer :

TECHNOR ITALSMEA S.p.A.

5 Adresse : / Address :

Via Italia, 33
20060 Gessate (MI)
ITALY

6 Ce produit et ses variantes éventuelles acceptées sont décrits dans l'annexe de la présente attestation et dans les documents descriptifs cités en référence. / This product any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

7 Le LCIE, Organisme Notifié sous la référence 0081 conformément à l'article 17 de la directive 2014/34/UE du Parlement européen et du Conseil du 26 février 2014, certifie que ce produit est conforme aux Exigences Essentielles de Sécurité et de Santé pour la conception et la construction de produits destinés à être utilisés en atmosphères explosibles, données dans l'annexe II de la Directive.
Les résultats des vérifications et essais figurent dans le(s) rapport(s) confidentiel(s) N° : / LCIE, Notified Body number 0081 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014 certifies that product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive.
The examination and test results are recorded in confidential report(s) N°:

143602-690487

8 Le respect des Exigences Essentielles de Sécurité et de Santé est assuré par la conformité à : / Compliance with the Essential Health and Safety Requirements has been assured by compliance with :

EN 60079-0:2012+A11:2013 ; EN 60079-7:2015 ; EN 60079-11:2012 ; EN 60079-31:2014

9 Le signe « X » lorsqu'il est placé à la suite du numéro de l'attestation, indique que cet appareil est soumis aux conditions particulières d'utilisation, mentionnées dans l'annexe de cette attestation. / If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

10 Cette Attestation d'Examen UE de Type concerne uniquement la conception et la construction du produit spécifié.
Des exigences supplémentaires de la directive sont applicables pour la fabrication et la fourniture du produit. Ces dernières ne sont pas couvertes par la présente attestation. / This EU Type Examination Certificate relates only to the design and construction of the specified product.
Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

11 Le marquage du produit est mentionné dans l'annexe de cette attestation. / The marking of the product is specified in the schedule to this certificate.

Fontenay-aux-Roses, le 3 mai 2017

Responsable de Certification
Certification Officer
Julien Gauthier

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 363 174
33 avenue du Général Leclerc
F - 92266 FONTENAY AUX ROSES

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

12 DESCRIPTION DU PRODUIT

Cet équipement est un boitier de prises.

Il est équipé d'une boite de jonction certifiée MXBJ** (LCIE 11 ATEX 3028 X) et d'une ou plusieurs prises certifiées : DXN1 (LCIE 99 ATEX 6027 X), DXN3 (LCIE 05 ATEX 6149), DXN6 (LCIE 05 ATEX 6150), PXN12C (LCIE 07 ATEX 6070 X), DXN25C (LCIE 09 ATEX 3050 X), DXN37C (LCIE 07 ATEX 6071 X), SPeX (LCIE 07 ATEX 6073 X), DXA1 (LCIE 15 ATEX 3033 X) et PNCX (LCIE 16 ATEX 3001 X).

Les prises peuvent être montées avec ou sans manchon sur la boite de jonction et différents types de prises peuvent être montées sur la même enveloppe.

La boite de jonction peut être équipée uniquement des bornes qui sont incluses dans le certificat du MXBJ ou sans bornes.

Pour modèles en version sécurité intrinsèque :
Selon l'usage prévu, la boite de jonction peut contenir des circuits de sécurité non-intrinsèque et/ou des circuits de sécurité intrinsèque et/ou une ou plusieurs prises certifiées de sécurité intrinsèque type PXN12C, DXN25C et DXN37C

Paramètres électriques :
Ex eb : U_{max} = 1000 V AC/DC ; I_{max} = 376 A* (lors de l'utilisation de bornes) or 680 A* (en câblage direct avec la prise)
Ex ia / Ex ib : $U_i \leq 750$ V ; $I_i \leq 400$ A*
Ex eb ia / Ex eb ib : $U_i \leq 750$ V ; $U_m \leq 750$ V ; $I_i \leq 400$ A*
Pmax = Voir tableaux 1, 2, 3, 4 and 5 dans marquage

* Les paramètres électriques doivent être réduits, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

DESCRIPTION OF PRODUCT

The equipment is a box with socket outlets & inlets.

It is equipped with a certified junction box MXBJ** (LCIE 11 ATEX 3028 X) and one or more certified socket outlets & inlets or inlets : DXN1 (LCIE 99 ATEX 6027 X), DXN3 (LCIE 05 ATEX 6149), DXN6 (LCIE 05 ATEX 6150), PXN12C (LCIE 07 ATEX 6070 X), DXN25C (LCIE 09 ATEX 3050 X), DXN37C (LCIE 07 ATEX 6071 X), SPeX (LCIE 07 ATEX 6073 X), DXA1 (LCIE 15 ATEX 3033 X) and PNCX (LCIE 16 ATEX 3001 X).

The socket outlets & inlets or the inlets can be mounted with or without an inclined sleeve on the junction box and could be mixed.

The junction box can be only equipped with terminals that are already included in the MXBJ's certificate or without terminals

For models in intrinsic safety version :
According to the intended used, the junction box can contain non-intrinsic safety circuits and/or intrinsic safety circuits and/or one or more intrinsic safety certified socket outlets & inlets type PXN12C, DXN25C and DXN37C

Electrical parameters :
Ex eb : U_{max} = 1000 V AC/DC ; I_{max} = 376 A* (when use of terminals) or 680 A* (direct wiring with the inlet and socket)
Ex ia / Ex ib : $U_i \leq 750$ V ; $I_i \leq 400$ A*
Ex eb ia / Ex eb ib : $U_i \leq 750$ V ; $U_m \leq 750$ V ; $I_i \leq 400$ A*
Pmax = See tables 1, 2, 3, 4 and 5 in marking

* The electrical parameters must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

DETAIL DE LA GAMME / RANGE DETAILS

MXBS * * * S …

- … : Incrémenté selon la demande / *Incremented according to the request :*
  (Ex : 040 : 40ème demande / *ex : 040 : 40th request*)
- * : Type de prise / *Type of socket outlet & inlet* :
  A : DXN1
  B : DXN3
  C : DXN6
  D : PXN12C
  E : DXN25C
  F : DXN37C
  G : SPeX
  H : PNCX
  I : DXA1
- * : Matériel / *Material* :
  1 : GRP / GRP
  2 : Acier inoxydable / Stainless steel
  3 : Aluminium / Aluminum
  4 : GRP HT / GRP HT
  5 : Aluminum HT / Aluminum HT
- * : Taille de l'enveloppe / *Size of the enclosure* :
  A….ZZ
- MXBS : Type

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LCIE
Laboratoire Central des Industries Electriques
Une société de Bureau Veritas
33 Avenue du Général Leclerc
92260 Fontenay-aux-Roses
FRANCE
WWW.LCIE.FR

MARQUAGE

Le marquage du produit doit comprendre :

Technor Italsmea S.p.A.
Adresse : …
Type : MXBS (0)
N° de fabrication : …
Année de fabrication : …
LCIE 17 ATEX 3005 X
AVERTISSEMENT – NE PAS OUVRIR SOUS TENSION

(0) : Complété par modèle défini dans détail de la gamme.

Le marquage général ci-dessus doit être complété par :

Model MXBS*1
(en GRP)

Ⓔx II 2 G D
Ex eb IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Ou

Ⓔx II 2 G D
Ex ia ou ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Ou

Ⓔx II 2 G D
Ex eb ia ou eb ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*

* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(1) : Complété selon tableaux 1 ci-dessous :

MARKING

The marking of the product shall include the following :

Technor Italsmea S.p.A.
Address : …
Type : MXBS (0)
Serial number : …
Year of construction : …
LCIE 17 ATEX 3005 X
WARNING – DO NOT OPEN WHEN ENERGIZED

(0): Completed with model defined in range detail.

The above general marking shall be completed with :

Model MXBS*1
(in GRP)

Ⓔx II 2 G D
Ex eb IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Or

Ⓔx II 2 G D
Ex ia or ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*
Or

Ⓔx II 2 G D
Ex eb ia or eb ib IIC T… Gb (1)
Ex tb IIIC T…°C Db IP66 (1)
Ta : -50°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(1) : Completed according to tables 1 below :

		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	3,4	5,2	6,9	7,8	9,5	10,4	11,3	N/A	N/A
MXBSB1	80x80x80	4,5	6,8	9,1	10,2	12,5	13,6	14,7	N/A	N/A
MXBSC1	80x110x60	4,2	6,4	8,5	9,6	11,7	12,8	13,8	N/A	N/A
MXBSD1	80x160x60	5,7	8,6	11,5	13,0	15,9	17,3	18,8	N/A	N/A
MXBSE1	80x190x60	6,4	9,6	12,8	14,4	17,6	19,2	20,8	N/A	N/A
MXBSF1	120x120x90	7,9	11,9	15,9	17,9	21,9	23,9	25,9	N/A	N/A
MXBSG1	120x220x90	10,8	16,2	21,6	24,3	29,7	32,4	35,1	N/A	N/A
MXBSH1	160x160x90	10,3	15,5	20,7	23,3	28,5	31,1	33,7	N/A	N/A
MXBSI1	160x260x90	13,4	20,1	26,8	30,1	36,8	40,2	43,5	N/A	N/A
MXBSJ1	160x360x90	16,2	24,3	32,4	36,4	44,5	48,6	52,6	N/A	N/A
MXBSK1	250x260x120	18,8	28,2	37,6	42,3	51,7	56,4	61,1	N/A	N/A
MXBSL1	250x260x160	21,7	32,6	43,5	49,0	59,9	65,3	70,8	N/A	N/A
MXBSM1	250x400x120	23,9	35,9	47,9	53,9	65,9	71,8	77,8	N/A	N/A
MXBSN1	250x400x160	27,4	41,2	54,9	61,8	75,6	82,4	89,3	N/A	N/A
MXBSO1	250x600x120	29,0	43,5	58,0	65,3	79,8	87,1	94,3	N/A	N/A
MXBSP1	410x400x120	29,1	43,6	58,2	65,5	80,0	87,3	94,6	N/A	N/A
MXBSQ1	410x400x160	32,9	49,4	65,9	74,1	90,6	98,8	107,0	N/A	N/A

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	2,6	4,3	6	6,9	8,7	9,5	10,4	N/A	N/A
MXBSB1	80x80x80	3,4	5,6	7,9	9,1	11,3	12,5	13,6	N/A	N/A
MXBSC1	80x110x60	3,2	5,3	7,4	8,5	10,6	11,7	12,8	N/A	N/A
MXBSD1	80x160x60	4,3	7,2	10,1	11,5	14,4	15,9	17,3	N/A	N/A
MXBSE1	80x190x60	4,8	8	11,2	12,8	16	17,6	19,2	N/A	N/A
MXBSF1	120x120x90	5,9	9,9	13,9	15,9	19,9	21,9	23,9	N/A	N/A
MXBSG1	120x220x90	8,1	13,5	18,9	21,6	27	29,7	32,4	N/A	N/A
MXBSH1	160x160x90	7,7	12,9	18,1	20,7	25,9	28,5	31,1	N/A	N/A
MXBSI1	160x260x90	10	16,7	23,4	26,8	33,5	36,8	40,2	N/A	N/A
MXBSJ1	160x360x90	12,1	20,2	28,3	32,4	40,5	44,5	48,6	N/A	N/A
MXBSK1	250x260x120	14,1	23,5	32,9	37,6	47	51,7	56,4	N/A	N/A
MXBSL1	250x260x160	16,3	27,2	38,1	43,5	54,4	59,9	65,3	N/A	N/A
MXBSM1	250x400x120	17,9	29,9	41,9	47,9	59,9	65,9	71,8	N/A	N/A
MXBSN1	250x400x160	20,6	34,3	48,1	54,9	68,7	75,6	82,4	N/A	N/A
MXBSO1	250x600x120	21,7	36,3	50,8	58	72,6	79,8	87,1	N/A	N/A
MXBSP1	410x400x120	21,8	36,3	50,9	58,2	72,7	80	87,3	N/A	N/A
MXBSQ1	410x400x160	24,7	41,1	57,6	65,9	82,3	90,6	98,8	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	1,7	3,4	5,2	6	7,8	8,7	9,5	N/A	N/A
MXBSB1	80x80x80	2,2	4,5	6,8	7,9	10,2	11,3	12,5	N/A	N/A
MXBSC1	80x110x60	2,1	4,2	6,4	7,4	9,6	10,6	11,7	N/A	N/A
MXBSD1	80x160x60	2,8	5,7	8,6	10,1	13	14,4	15,9	N/A	N/A
MXBSE1	80x190x60	3,2	6,4	9,6	11,2	14,4	16	17,6	N/A	N/A
MXBSF1	120x120x90	3,9	7,9	11,9	13,9	17,9	19,9	21,9	N/A	N/A
MXBSG1	120x220x90	5,4	10,8	16,2	18,9	24,3	27	29,7	N/A	N/A
MXBSH1	160x160x90	5,1	10,3	15,5	18,1	23,3	25,9	28,5	N/A	N/A
MXBSI1	160x260x90	6,7	13,4	20,1	23,4	30,1	33,5	36,8	N/A	N/A
MXBSJ1	160x360x90	8,1	16,2	24,3	28,3	36,4	40,5	44,5	N/A	N/A
MXBSK1	250x260x120	9,4	18,8	28,2	32,9	42,3	47	51,7	N/A	N/A
MXBSL1	250x260x160	10,8	21,7	32,6	38,1	49	54,4	59,9	N/A	N/A
MXBSM1	250x400x120	11,9	23,9	35,9	41,9	53,9	59,9	65,9	N/A	N/A
MXBSN1	250x400x160	13,7	27,4	41,2	48,1	61,8	68,7	75,6	N/A	N/A
MXBSO1	250x600x120	14,5	29	43,5	50,8	65,3	72,6	79,8	N/A	N/A
MXBSP1	410x400x120	14,5	29,1	43,6	50,9	65,5	72,7	80	N/A	N/A
MXBSQ1	410x400x160	16,4	32,9	49,4	57,6	74,1	82,3	90,6	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	1,7	2,6	4,3	5,2	6,9	7,8	8,7	N/A	N/A
MXBSB1	80x80x80	2,2	3,4	5,6	6,8	9,1	10,2	11,3	N/A	N/A
MXBSC1	80x110x60	2,1	3,2	5,3	6,4	8,5	9,6	10,6	N/A	N/A
MXBSD1	80x160x60	2,8	4,3	7,2	8,6	11,5	13	14,4	N/A	N/A
MXBSE1	80x190x60	3,2	4,8	8	9,6	12,8	14,4	16	N/A	N/A
MXBSF1	120x120x90	3,9	5,9	9,9	11,9	15,9	17,9	19,9	N/A	N/A
MXBSG1	120x220x90	5,4	8,1	13,5	16,2	21,6	24,3	27	N/A	N/A
MXBSH1	160x160x90	5,1	7,7	12,9	15,5	20,7	23,3	25,9	N/A	N/A
MXBSI1	160x260x90	6,7	10	16,7	20,1	26,8	30,1	33,5	N/A	N/A
MXBSJ1	160x360x90	8,1	12,1	20,2	24,3	32,4	36,4	40,5	N/A	N/A
MXBSK1	250x260x120	9,4	14,1	23,5	28,2	37,6	42,3	47	N/A	N/A
MXBSL1	250x260x160	10,8	16,3	27,2	32,6	43,5	49	54,4	N/A	N/A
MXBSM1	250x400x120	11,9	17,9	29,9	35,9	47,9	53,9	59,9	N/A	N/A
MXBSN1	250x400x160	13,7	20,6	34,3	41,2	54,9	61,8	68,7	N/A	N/A
MXBSO1	250x600x120	14,5	21,7	36,3	43,5	58	65,3	72,6	N/A	N/A
MXBSP1	410x400x120	14,5	21,8	36,3	43,6	58,2	65,5	72,7	N/A	N/A
MXBSQ1	410x400x160	16,4	24,7	41,1	49,4	65,9	74,1	82,3	N/A	N/A

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TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA1	80x80x60	N/A	1,7	3,4	4,3	6	6,9	7,8	N/A	N/A
MXBSB1	80x80x80	N/A	2,2	4,5	5,6	7,9	9,1	10,2	N/A	N/A
MXBSC1	80x110x60	N/A	2,1	4,2	5,3	7,4	8,5	9,6	N/A	N/A
MXBSD1	80x160x60	N/A	2,8	5,7	7,2	10,1	11,5	13	N/A	N/A
MXBSE1	80x190x60	N/A	3,2	6,4	8	11,2	12,8	14,4	N/A	N/A
MXBSF1	120x120x90	N/A	3,9	7,9	9,9	13,9	15,9	17,9	N/A	N/A
MXBSG1	120x220x90	N/A	5,4	10,8	13,5	18,9	21,6	24,3	N/A	N/A
MXBSH1	160x160x90	N/A	5,1	10,3	12,9	18,1	20,7	23,3	N/A	N/A
MXBSI1	160x260x90	N/A	6,7	13,4	16,7	23,4	26,8	30,1	N/A	N/A
MXBSJ1	160x360x90	N/A	8,1	16,2	20,2	28,3	32,4	36,4	N/A	N/A
MXBSK1	250x260x120	N/A	9,4	18,8	23,5	32,9	37,6	42,3	N/A	N/A
MXBSL1	250x260x160	N/A	10,8	21,7	27,2	38,1	43,5	49	N/A	N/A
MXBSM1	250x400x120	N/A	11,9	23,9	29,9	41,9	47,9	53,9	N/A	N/A
MXBSN1	250x400x160	N/A	13,7	27,4	34,3	48,1	54,9	61,8	N/A	N/A
MXBSO1	250x600x120	N/A	14,5	29	36,3	50,8	58	65,3	N/A	N/A
MXBSP1	410x400x120	N/A	14,5	29,1	36,3	50,9	58,2	65,5	N/A	N/A
MXBSQ1	410x400x160	N/A	16,4	32,9	41,1	57,6	65,9	74,1	N/A	N/A

Tableaux 1 / *tables 1*

Model MXBS*2
(en ACIER INOXYDABLE)

Ⓔx II 2 G D
Ex eb IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Ou

Ⓔx II 2 G D
Ex ia ou ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Ou

Ⓔx II 2 G D
Ex eb ia ou eb ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*

Model MXBS*2
(in STAINLESS STEEL)

Ⓔx II 2 G D
Ex eb IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Or

Ⓔx II 2 G D
Ex ia or ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*
Or

Ⓔx II 2 G D
Ex eb ia or eb ib IIC T… Gb (2)
Ex tb IIIC T…°C Db IP66 (2)
Ta : -50°C / +60°C*

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* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(2) : Complété selon tableaux 2 ci-dessous :

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(2) : Completed according to tables 2 below :

		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	5,5	8,3	11,1	12,5	15,3	16,7	18,1	N/A	N/A
MXBSB2	150x150x100	8	12	16	18	22	24	26,1	N/A	N/A
MXBSC2	140x200x130	10,4	15,7	20,9	23,5	28,8	31,4	34	N/A	N/A
MXBSD2	200x200x100	10,7	16,1	21,4	24,1	29,5	32,2	34,8	N/A	N/A
MXBSE2	200x200x160	13,9	20,8	27,8	31,3	38,3	41,7	45,2	N/A	N/A
MXBSF2	200x270x130	14,4	21,6	28,9	32,5	39,7	43,3	46,9	N/A	N/A
MXBSG2	270x270x130	16,7	25,1	33,5	37,7	46	50,2	54,4	N/A	N/A
MXBSH2	200x300x160	17,1	25,7	34,3	38,6	47,2	51,4	55,7	N/A	N/A
MXBSI2	280x280x160	19,2	28,9	38,5	43,3	53	57,8	62,6	N/A	N/A
MXBSJ2	200x400x160	19,3	29	38,7	43,6	53,3	58,1	63	N/A	N/A
MXBSK2	270x350x130	20,2	30,3	40,4	45,5	55,6	60,6	65,7	N/A	N/A
MXBSL2	350x350x160	24,4	36,6	48,8	54,9	67,1	73,2	79,3	N/A	N/A
MXBSM2	280x280x270	26,2	39,3	52,5	59	72,2	78,7	85,3	N/A	N/A
MXBSN2	380x380x160	29,7	44,5	59,4	66,8	81,7	89,1	96,6	N/A	N/A
MXBSO2	380x450x160	26,6	39,9	53,2	59,8	73,1	79,8	86,5	N/A	N/A
MXBSP2	350x500x160	29,1	43,7	58,3	65,6	80,2	87,5	94,8	N/A	N/A
MXBSQ2	380x570x160	33,4	50,1	66,8	75,2	91,9	100,3	108,7	N/A	N/A
MXBSR2	380x380x270	35,8	53,8	71,7	80,7	98,6	107,6	116,6	N/A	N/A
MXBSS2	500x500x160	35,1	52,7	70,2	79	96,6	105,4	114,2	N/A	N/A
MXBST2	570x570x160	41,5	62,3	83,1	93,5	114,3	124,7	135,1	N/A	N/A
MXBSU2	570x760x200	53,9	80,9	107,9	121,3	148,3	161,8	175,3	N/A	N/A
MXBSV2	570x570x300	55,8	83,7	111,6	125,6	153,5	167,5	181,4	N/A	N/A
MXBSW2	760x950x200	72,2	108,3	144,4	162,4	198,5	216,6	234,6	N/A	N/A

		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	4,4	7,4	10,4	11,8	14,8	16,3	17,8	N/A	N/A
MXBSB2	150x150x100	6	10	14	16	20	22	24	N/A	N/A
MXBSC2	140x200x130	7,8	13,1	18,3	20,9	26,2	28,8	31,4	N/A	N/A
MXBSD2	200x200x100	8	13,4	18,7	21,4	26,8	29,5	32,2	N/A	N/A
MXBSE2	200x200x160	10,4	17,4	24,3	27,8	34,8	38,3	41,7	N/A	N/A
MXBSF2	200x270x130	10,8	18	25,2	28,9	36,1	39,7	43,3	N/A	N/A
MXBSG2	270x270x130	12,5	20,9	29,3	33,5	41,8	46	50,2	N/A	N/A
MXBSH2	200x300x160	12,8	21,4	30	34,3	42,9	47,2	51,4	N/A	N/A
MXBSI2	280x280x160	14,4	24,1	33,7	38,5	48,2	53	57,8	N/A	N/A
MXBSJ2	200x400x160	14,5	24,2	33,9	38,7	48,4	53,3	58,1	N/A	N/A
MXBSK2	270x350x130	15,1	25,2	35,4	40,4	50,5	55,6	60,6	N/A	N/A
MXBSL2	350x350x160	18,3	30,5	42,7	48,8	61	67,1	73,2	N/A	N/A
MXBSM2	280x280x270	19,6	32,8	45,9	52,5	65,6	72,2	78,7	N/A	N/A
MXBSN2	380x380x160	22,2	37,1	52	59,4	74,3	81,7	89,1	N/A	N/A
MXBSO2	380x450x160	19,9	33,2	46,5	53,2	66,5	73,1	79,8	N/A	N/A
MXBSP2	350x500x160	21,8	36,4	51	58,3	72,9	80,2	87,5	N/A	N/A
MXBSQ2	380x570x160	25	41,8	58,5	66,8	83,6	91,9	100,3	N/A	N/A
MXBSR2	380x380x270	26,9	44,8	62,7	71,7	89,7	98,6	107,6	N/A	N/A
MXBSS2	500x500x160	26,3	43,9	61,4	70,2	87,8	96,6	105,4	N/A	N/A
MXBST2	570x570x160	31,1	51,9	72,7	83,1	103,9	114,3	124,7	N/A	N/A
MXBSU2	570x760x200	40,4	67,4	94,4	107,9	134,8	148,3	161,8	N/A	N/A
MXBSV2	570x570x300	41,8	69,7	97,7	111,6	139,5	153,5	167,5	N/A	N/A
MXBSW2	760x950x200	54,1	90,2	126,3	144,4	180,5	198,5	216,6	N/A	N/A

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TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	2,7	5,5	8,3	9,7	12,5	13,9	15,3	N/A	N/A
MXBSB2	150x150x100	4	8	12	14	18	20	22	N/A	N/A
MXBSC2	140x200x130	5,2	10,4	15,7	18,3	23,5	26,2	28,8	N/A	N/A
MXBSD2	200x200x100	5,3	10,7	16,1	18,7	24,1	26,8	29,5	N/A	N/A
MXBSE2	200x200x160	6,9	13,9	20,8	24,3	31,3	34,8	38,3	N/A	N/A
MXBSF2	200x270x130	7,2	14,4	21,6	25,2	32,5	36,1	39,7	N/A	N/A
MXBSG2	270x270x130	8,3	16,7	25,1	29,3	37,7	41,8	46	N/A	N/A
MXBSH2	200x300x160	8,5	17,1	25,7	30	38,6	42,9	47,2	N/A	N/A
MXBSI2	280x280x160	9,6	19,2	28,9	33,7	43,3	48,2	53	N/A	N/A
MXBSJ2	200x400x160	9,6	19,3	29	33,9	43,6	48,4	53,3	N/A	N/A
MXBSK2	270x350x130	10,1	20,2	30,3	35,4	45,5	50,5	55,6	N/A	N/A
MXBSL2	350x350x160	12,2	24,4	36,6	42,7	54,9	61	67,1	N/A	N/A
MXBSM2	280x280x270	13,1	26,2	39,3	45,9	59	65,6	72,2	N/A	N/A
MXBSN2	380x380x160	14,8	29,7	44,5	52	66,8	74,3	81,7	N/A	N/A
MXBSO2	380x450x160	13,3	26,6	39,9	46,5	59,8	66,5	73,1	N/A	N/A
MXBSP2	350x500x160	14,5	29,1	43,7	51	65,6	72,9	80,2	N/A	N/A
MXBSQ2	380x570x160	16,7	33,4	50,1	58,5	75,2	83,6	91,9	N/A	N/A
MXBSR2	380x380x270	17,9	35,8	53,8	62,7	80,7	89,7	98,6	N/A	N/A
MXBSS2	500x500x160	17,5	35,1	52,7	61,4	79	87,8	96,6	N/A	N/A
MXBST2	570x570x160	20,7	41,5	62,3	72,7	93,5	103,9	114,3	N/A	N/A
MXBSU2	570x760x200	26,9	53,9	80,9	94,4	121,3	134,8	148,3	N/A	N/A
MXBSV2	570x570x300	27,9	55,8	83,7	97,7	125,6	139,5	153,5	N/A	N/A
MXBSW2	760x950x200	36,1	72,2	108,3	126,3	162,4	180,5	198,5	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	2,7	4,1	6,9	8,3	11,1	12,5	13,9	N/A	N/A
MXBSB2	150x150x100	4	6	10	12	16	18	20	N/A	N/A
MXBSC2	140x200x130	5,2	7,8	13,1	15,7	20,9	23,5	26,2	N/A	N/A
MXBSD2	200x200x100	5,3	8	13,4	16,1	21,4	24,1	26,8	N/A	N/A
MXBSE2	200x200x160	6,9	10,4	17,4	20,8	27,8	31,3	34,8	N/A	N/A
MXBSF2	200x270x130	7,2	10,8	18	21,6	28,9	32,5	36,1	N/A	N/A
MXBSG2	270x270x130	8,3	12,5	20,9	25,1	33,5	37,7	41,8	N/A	N/A
MXBSH2	200x300x160	8,5	12,8	21,4	25,7	34,3	38,6	42,9	N/A	N/A
MXBSI2	280x280x160	9,6	14,4	24,1	28,9	38,5	43,3	48,2	N/A	N/A
MXBSJ2	200x400x160	9,6	14,5	24,2	29	38,7	43,6	48,4	N/A	N/A
MXBSK2	270x350x130	10,1	15,1	25,2	30,3	40,4	45,5	50,5	N/A	N/A
MXBSL2	350x350x160	12,2	18,3	30,5	36,6	48,8	54,9	61	N/A	N/A
MXBSM2	280x280x270	13,1	19,6	32,8	39,3	52,5	59	65,6	N/A	N/A
MXBSN2	380x380x160	14,8	22,2	37,1	44,5	59,4	66,8	74,3	N/A	N/A
MXBSO2	380x450x160	13,3	19,9	33,2	39,9	53,2	59,8	66,5	N/A	N/A
MXBSP2	350x500x160	14,5	21,8	36,4	43,7	58,3	65,6	72,9	N/A	N/A
MXBSQ2	380x570x160	16,7	25	41,8	50,1	66,8	75,2	83,6	N/A	N/A
MXBSR2	380x380x270	17,9	26,9	44,8	53,8	71,7	80,7	89,7	N/A	N/A
MXBSS2	500x500x160	17,5	26,3	43,9	52,7	70,2	79	87,8	N/A	N/A
MXBST2	570x570x160	20,7	31,1	51,9	62,3	83,1	93,5	103,9	N/A	N/A
MXBSU2	570x760x200	26,9	40,4	67,4	80,9	107,9	121,3	134,8	N/A	N/A
MXBSV2	570x570x300	27,9	41,8	69,7	83,7	111,6	125,6	139,5	N/A	N/A
MXBSW2	760x950x200	36,1	54,1	90,2	108,3	144,4	162,4	180,5	N/A	N/A

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TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA2	100x120x100	N/A	2,7	5,5	6,9	9,7	11,1	12,5	N/A	N/A
MXBSB2	150x150x100	N/A	4	8	10	14	16	18	N/A	N/A
MXBSC2	140x200x130	N/A	5,2	10,4	13,1	18,3	20,9	23,5	N/A	N/A
MXBSD2	200x200x100	N/A	5,3	10,7	13,4	18,7	21,4	24,1	N/A	N/A
MXBSE2	200x200x160	N/A	6,9	13,9	17,4	24,3	27,8	31,3	N/A	N/A
MXBSF2	200x270x130	N/A	7,2	14,4	18	25,2	28,9	32,5	N/A	N/A
MXBSG2	270x270x130	N/A	8,3	16,7	20,9	29,3	33,5	37,7	N/A	N/A
MXBSH2	200x300x160	N/A	8,5	17,1	21,4	30	34,3	38,6	N/A	N/A
MXBSI2	280x280x160	N/A	9,6	19,2	24,1	33,7	38,5	43,3	N/A	N/A
MXBSJ2	200x400x160	N/A	9,6	19,3	24,2	33,9	38,7	43,6	N/A	N/A
MXBSK2	270x350x130	N/A	10,1	20,2	25,2	35,4	40,4	45,5	N/A	N/A
MXBSL2	350x350x160	N/A	12,2	24,4	30,5	42,7	48,8	54,9	N/A	N/A
MXBSM2	280x280x270	N/A	13,1	26,2	32,8	45,9	52,5	59	N/A	N/A
MXBSN2	380x380x160	N/A	14,8	29,7	37,1	52	59,4	66,8	N/A	N/A
MXBSO2	380x450x160	N/A	13,3	26,6	33,2	46,5	53,2	59,8	N/A	N/A
MXBSP2	350x500x160	N/A	14,5	29,1	36,4	51	58,3	65,6	N/A	N/A
MXBSQ2	380x570x160	N/A	16,7	33,4	41,8	58,5	66,8	75,2	N/A	N/A
MXBSR2	380x380x270	N/A	17,9	35,8	44,8	62,7	71,7	80,7	N/A	N/A
MXBSS2	500x500x160	N/A	17,5	35,1	43,9	61,4	70,2	79	N/A	N/A
MXBST2	570x570x160	N/A	20,7	41,5	51,9	72,7	83,1	93,5	N/A	N/A
MXBSU2	570x760x200	N/A	26,9	53,9	67,4	94,4	107,9	121,3	N/A	N/A
MXBSV2	570x570x300	N/A	27,9	55,8	69,7	97,7	111,6	125,6	N/A	N/A
MXBSW2	760x950x200	N/A	36,1	72,2	90,2	126,3	144,4	162,4	N/A	N/A

Tableaux 2 / *tables 2*

Model MXBS*3
(en ALLUMINIUM)

Ex II 2 G D
Ex eb IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Ou

Ex II 2 G D
Ex ia ou ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Ou

Ex II 2 G D
Ex eb ia ou eb ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*

* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(3) : Complété selon tableaux 3 ci-dessous :

Model MXBS*3
(in ALUMINUM)

Ex II 2 G D
Ex eb IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Or

Ex II 2 G D
Ex ia or ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*
Or

Ex II 2 G D
Ex eb ia or eb ib IIC T… Gb (3)
Ex tb IIIC T…°C Db IP66 (3)
Ta : -50°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(3) : Completed according to tables 3 below :

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	5,2	7,8	10,4	11,7	14,3	15,6	16,9	N/A	N/A
MXBSB3	80x130x60	7	10,6	14,1	15,9	19,4	21,2	23	N/A	N/A
MXBSC3	80x180x60	8,9	13,3	17,8	20	24,5	26,7	28,9	N/A	N/A
MXBSD3	80x180x80	11	16,5	22,1	24,8	30,4	33,1	35,9	N/A	N/A
MXBSE3	80x250x50	10,7	16,1	21,4	24,1	29,5	32,2	34,8	N/A	N/A
MXBSF3	80x250x80	14,2	21,4	28,5	32,1	39,2	42,8	46,4	N/A	N/A
MXBSG3	100x100x80	8,7	13	17,4	19,6	23,9	26,1	28,3	N/A	N/A
MXBSH3	100x150x80	11,1	16,6	22,2	24,9	30,5	33,3	36	N/A	N/A
MXBSI3	100x160x80	11,5	17,3	23,1	26	31,8	34,7	37,6	N/A	N/A
MXBSJ3	100x200x80	13,4	20,1	26,8	30,2	36,9	40,3	43,6	N/A	N/A
MXBSK3	120x120x80	10,8	16,2	21,6	24,3	29,7	32,4	35,1	N/A	N/A
MXBSL3	120x220x90	16,8	25,3	33,7	37,9	46,3	50,6	54,8	N/A	N/A
MXBSM3	140x140x90	13,7	20,6	27,5	31	37,9	41,3	44,8	N/A	N/A
MXBSN3	140x200x90	17,1	25,7	34,2	38,5	47,1	51,4	55,7	N/A	N/A
MXBSO3	160x160x90	17,2	25,8	34,4	38,7	47,3	51,6	55,9	N/A	N/A
MXBSP3	160x240x100	22,1	33,1	44,2	49,7	60,8	66,3	71,8	N/A	N/A
MXBSQ3	160x260x90	21,9	32,8	43,8	49,3	60,2	65,7	71,2	N/A	N/A
MXBSR3	180x180x100	19,7	29,6	39,5	44,4	54,3	59,2	64,2	N/A	N/A
MXBSS3	180x280x100	26,1	39,1	52,2	58,7	71,8	78,3	84,8	N/A	N/A
MXBST3	200x230x110	25,8	38,7	51,6	58	71	77,4	83,9	N/A	N/A
MXBSU3	200x230x180	35,5	53,3	71,1	80	97,8	106,7	115,6	N/A	N/A
MXBSV3	230x280x110	31,6	47,5	63,3	71,3	87,1	95	103	N/A	N/A
MXBSW3	230x330x120	37	55,6	74,1	83,4	101,9	111,2	120,5	N/A	N/A
MXBSX3	230x330x180	47,5	71,3	95,1	107	130,8	142,7	154,6	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	3,9	6,5	9,1	10,4	13	14,3	15,6	N/A	N/A
MXBSB3	80x130x60	5,3	8,8	12,3	14,1	17,7	19,4	21,2	N/A	N/A
MXBSC3	80x180x60	6,6	11,1	15,5	17,8	22,2	24,5	26,7	N/A	N/A
MXBSD3	80x180x80	8,2	13,8	19,3	22,1	27,6	30,4	33,1	N/A	N/A
MXBSE3	80x250x50	8	13,4	18,7	21,4	26,8	29,5	32,2	N/A	N/A
MXBSF3	80x250x80	10,7	17,8	24,9	28,5	35,7	39,2	42,8	N/A	N/A
MXBSG3	100x100x80	6,5	10,8	15,2	17,4	21,7	23,9	26,1	N/A	N/A
MXBSH3	100x150x80	8,3	13,8	19,4	22,2	27,7	30,5	33,3	N/A	N/A
MXBSI3	100x160x80	8,6	14,4	20,2	23,1	28,9	31,8	34,7	N/A	N/A
MXBSJ3	100x200x80	10	16,7	23,5	26,8	33,5	36,9	40,3	N/A	N/A
MXBSK3	120x120x80	8,1	13,5	18,9	21,6	27	29,7	32,4	N/A	N/A
MXBSL3	120x220x90	12,6	21	29,5	33,7	42,1	46,3	50,6	N/A	N/A
MXBSM3	140x140x90	10,3	17,2	24,1	27,5	34,4	37,9	41,3	N/A	N/A
MXBSN3	140x200x90	12,8	21,4	30	34,2	42,8	47,1	51,4	N/A	N/A
MXBSO3	160x160x90	12,9	21,5	30,1	34,4	43	47,3	51,6	N/A	N/A
MXBSP3	160x240x100	16,5	27,6	38,7	44,2	55,3	60,8	66,3	N/A	N/A
MXBSQ3	160x260x90	16,4	27,4	38,3	43,8	54,8	60,2	65,7	N/A	N/A
MXBSR3	180x180x100	14,8	24,6	34,5	39,5	49,3	54,3	59,2	N/A	N/A
MXBSS3	180x280x100	19,5	32,6	45,7	52,2	65,2	71,8	78,3	N/A	N/A
MXBST3	200x230x110	19,3	32,2	45,1	51,6	64,5	71	77,4	N/A	N/A
MXBSU3	200x230x180	26,6	44,4	62,2	71,1	88,9	97,8	106,7	N/A	N/A
MXBSV3	230x280x110	23,7	39,6	55,4	63,3	79,2	87,1	95	N/A	N/A
MXBSW3	230x330x120	27,8	46,3	64,8	74,1	92,7	101,9	111,2	N/A	N/A
MXBSX3	230x330x180	35,6	59,4	83,2	95,1	118,9	130,8	142,7	N/A	N/A

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	2,6	5,2	7,8	9,1	11,7	13	14,3	N/A	N/A
MXBSB3	80x130x60	3,5	7	10,6	12,3	15,9	17,7	19,4	N/A	N/A
MXBSC3	80x180x60	4,4	8,9	13,3	15,5	20	22,2	24,5	N/A	N/A
MXBSD3	80x180x80	5,5	11	16,5	19,3	24,8	27,6	30,4	N/A	N/A
MXBSE3	80x250x50	5,3	10,7	16,1	18,7	24,1	26,8	29,5	N/A	N/A
MXBSF3	80x250x80	7,1	14,2	21,4	24,9	32,1	35,7	39,2	N/A	N/A
MXBSG3	100x100x80	4,3	8,7	13	15,2	19,6	21,7	23,9	N/A	N/A
MXBSH3	100x150x80	5,5	11,1	16,6	19,4	24,9	27,7	30,5	N/A	N/A
MXBSI3	100x160x80	5,7	11,5	17,3	20,2	26	28,9	31,8	N/A	N/A
MXBSJ3	100x200x80	6,7	13,4	20,1	23,5	30,2	33,5	36,9	N/A	N/A
MXBSK3	120x120x80	5,4	10,8	16,2	18,9	24,3	27	29,7	N/A	N/A
MXBSL3	120x220x90	8,4	16,8	25,3	29,5	37,9	42,1	46,3	N/A	N/A
MXBSM3	140x140x90	6,8	13,7	20,6	24,1	31	34,4	37,9	N/A	N/A
MXBSN3	140x200x90	8,5	17,1	25,7	30	38,5	42,8	47,1	N/A	N/A
MXBSO3	160x160x90	8,6	17,2	25,8	30,1	38,7	43	47,3	N/A	N/A
MXBSP3	160x240x100	11	22,1	33,1	38,7	49,7	55,3	60,8	N/A	N/A
MXBSQ3	160x260x90	10,9	21,9	32,8	38,3	49,3	54,8	60,2	N/A	N/A
MXBSR3	180x180x100	9,8	19,7	29,6	34,5	44,4	49,3	54,3	N/A	N/A
MXBSS3	180x280x100	13	26,1	39,1	45,7	58,7	65,2	71,8	N/A	N/A
MXBST3	200x230x110	12,9	25,8	38,7	45,1	58	64,5	71	N/A	N/A
MXBSU3	200x230x180	17,7	35,5	53,3	62,2	80	88,9	97,8	N/A	N/A
MXBSV3	230x280x110	15,8	31,6	47,5	55,4	71,3	79,2	87,1	N/A	N/A
MXBSW3	230x330x120	18,5	37	55,6	64,8	83,4	92,7	101,9	N/A	N/A
MXBSX3	230x330x180	23,7	47,5	71,3	83,2	107	118,9	130,8	N/A	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	2,6	3,9	6,5	7,8	10,4	11,7	13	N/A	N/A
MXBSB3	80x130x60	3,5	5,3	8,8	10,6	14,1	15,9	17,7	N/A	N/A
MXBSC3	80x180x60	4,4	6,6	11,1	13,3	17,8	20	22,2	N/A	N/A
MXBSD3	80x180x80	5,5	8,2	13,8	16,5	22,1	24,8	27,6	N/A	N/A
MXBSE3	80x250x50	5,3	8	13,4	16,1	21,4	24,1	26,8	N/A	N/A
MXBSF3	80x250x80	7,1	10,7	17,8	21,4	28,5	32,1	35,7	N/A	N/A
MXBSG3	100x100x80	4,3	6,5	10,8	13	17,4	19,6	21,7	N/A	N/A
MXBSH3	100x150x80	5,5	8,3	13,8	16,6	22,2	24,9	27,7	N/A	N/A
MXBSI3	100x160x80	5,7	8,6	14,4	17,3	23,1	26	28,9	N/A	N/A
MXBSJ3	100x200x80	6,7	10	16,7	20,1	26,8	30,2	33,5	N/A	N/A
MXBSK3	120x120x80	5,4	8,1	13,5	16,2	21,6	24,3	27	N/A	N/A
MXBSL3	120x220x90	8,4	12,6	21	25,3	33,7	37,9	42,1	N/A	N/A
MXBSM3	140x140x90	6,8	10,3	17,2	20,6	27,5	31	34,4	N/A	N/A
MXBSN3	140x200x90	8,5	12,8	21,4	25,7	34,2	38,5	42,8	N/A	N/A
MXBSO3	160x160x90	8,6	12,9	21,5	25,8	34,4	38,7	43	N/A	N/A
MXBSP3	160x240x100	11	16,5	27,6	33,1	44,2	49,7	55,3	N/A	N/A
MXBSQ3	160x260x90	10,9	16,4	27,4	32,8	43,8	49,3	54,8	N/A	N/A
MXBSR3	180x180x100	9,8	14,8	24,6	29,6	39,5	44,4	49,3	N/A	N/A
MXBSS3	180x280x100	13	19,5	32,6	39,1	52,2	58,7	65,2	N/A	N/A
MXBST3	200x230x110	12,9	19,3	32,2	38,7	51,6	58	64,5	N/A	N/A
MXBSU3	200x230x180	17,7	26,6	44,4	53,3	71,1	80	88,9	N/A	N/A
MXBSV3	230x280x110	15,8	23,7	39,6	47,5	63,3	71,3	79,2	N/A	N/A
MXBSW3	230x330x120	18,5	27,8	46,3	55,6	74,1	83,4	92,7	N/A	N/A
MXBSX3	230x330x180	23,7	35,6	59,4	71,3	95,1	107	118,9	N/A	N/A

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TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA3	80x80x60	N/A	2,6	5,2	6,5	9,1	10,4	11,7	N/A	N/A
MXBSB3	80x130x60	N/A	3,5	7	8,8	12,3	14,1	15,9	N/A	N/A
MXBSC3	80x180x60	N/A	4,4	8,9	11,1	15,5	17,8	20	N/A	N/A
MXBSD3	80x180x80	N/A	5,5	11	13,8	19,3	22,1	24,8	N/A	N/A
MXBSE3	80x250x50	N/A	5,3	10,7	13,4	18,7	21,4	24,1	N/A	N/A
MXBSF3	80x250x80	N/A	7,1	14,2	17,8	24,9	28,5	32,1	N/A	N/A
MXBSG3	100x100x80	N/A	4,3	8,7	10,8	15,2	17,4	19,6	N/A	N/A
MXBSH3	100x150x80	N/A	5,5	11,1	13,8	19,4	22,2	24,9	N/A	N/A
MXBSI3	100x160x80	N/A	5,7	11,5	14,4	20,2	23,1	26	N/A	N/A
MXBSJ3	100x200x80	N/A	6,7	13,4	16,7	23,5	26,8	30,2	N/A	N/A
MXBSK3	120x120x80	N/A	5,4	10,8	13,5	18,9	21,6	24,3	N/A	N/A
MXBSL3	120x220x90	N/A	8,4	16,8	21	29,5	33,7	37,9	N/A	N/A
MXBSM3	140x140x90	N/A	6,8	13,7	17,2	24,1	27,5	31	N/A	N/A
MXBSN3	140x200x90	N/A	8,5	17,1	21,4	30	34,2	38,5	N/A	N/A
MXBSO3	160x160x90	N/A	8,6	17,2	21,5	30,1	34,4	38,7	N/A	N/A
MXBSP3	160x240x100	N/A	11	22,1	27,6	38,7	44,2	49,7	N/A	N/A
MXBSQ3	160x260x90	N/A	10,9	21,9	27,4	38,3	43,8	49,3	N/A	N/A
MXBSR3	180x180x100	N/A	9,8	19,7	24,6	34,5	39,5	44,4	N/A	N/A
MXBSS3	180x280x100	N/A	13	26,1	32,6	45,7	52,2	58,7	N/A	N/A
MXBST3	200x230x110	N/A	12,9	25,8	32,2	45,1	51,6	58	N/A	N/A
MXBSU3	200x230x180	N/A	17,7	35,5	44,4	62,2	71,1	80	N/A	N/A
MXBSV3	230x280x110	N/A	15,8	31,6	39,6	55,4	63,3	71,3	N/A	N/A
MXBSW3	230x330x120	N/A	18,5	37	46,3	64,8	74,1	83,4	N/A	N/A
MXBSX3	230x330x180	N/A	23,7	47,5	59,4	83,2	95,1	107	N/A	N/A

Tableaux 3 / *tables 3*

Model MXBS*4
(en GRP HT)

Ⓔx II 2 G D
Ex eb IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Ou

Ⓔx II 2 G D
Ex ia ou ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Ou

Ⓔx II 2 G D
Ex eb ia ou eb ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*

* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(4) : Complété selon tableaux 4 ci-dessous :

Model MXBS*4
(in GRP HT)

Ⓔx II 2 G D
Ex eb IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Or

Ⓔx II 2 G D
Ex ia or ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*
Or

Ⓔx II 2 G D
Ex eb ia or eb ib IIC T… Gb (4)
Ex tb IIIC T…°C Db IP66 (4)
Ta : -55°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(4) : Completed according to tables 4 below :

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	3,5	5,2	7,0	7,8	9,6	10,4	11,3	15,1	N/A
MXBSB4	80x80x80	4,6	6,8	9,1	10,2	12,5	13,7	14,8	19,8	N/A
MXBSC4	80x110x60	4,3	6,4	8,5	9,6	11,8	12,8	13,9	18,6	N/A
MXBSD4	80x110x80	5,6	8,4	11,2	12,6	15,3	16,7	18,1	24,3	N/A
MXBSE4	80x160x60	5,8	8,7	11,6	13,0	15,9	17,4	18,8	25,2	N/A
MXBSF4	80x160x80	6,8	10,2	13,7	15,4	18,8	20,5	22,2	29,7	N/A
MXBSG4	80x190x60	6,4	9,6	12,8	14,4	17,6	19,2	20,8	27,9	N/A
MXBSH4	80x190x80	7,5	11,3	15,1	17,0	20,7	22,6	24,5	32,8	N/A
MXBSI4	80x230x60	7,2	10,8	14,4	16,2	19,8	21,6	23,4	31,3	N/A
MXBSJ4	80x230x80	8,5	12,7	16,9	19,0	23,3	25,4	27,5	36,8	N/A
MXBSK4	120x120x90	8,0	12,0	15,9	17,9	21,9	23,9	25,9	34,7	N/A
MXBSL4	120x220x90	10,8	16,2	21,6	24,3	29,7	32,4	35,1	47,0	N/A
MXBSM4	160x160x90	10,4	15,6	20,8	23,4	28,6	31,2	33,8	45,2	N/A
MXBSN4	160x260x90	13,4	20,1	26,8	30,2	36,9	40,2	43,6	58,3	N/A
MXBSO4	160x360x90	16,2	24,3	32,4	36,5	44,6	48,6	52,7	70,5	N/A
MXBSP4	160x560x90	21,4	32,0	42,7	48,1	58,7	64,1	69,4	92,9	N/A
MXBSQ4	200x200x170	18,0	26,9	35,9	40,4	49,4	53,9	58,4	78,1	N/A
MXBSR4	200x300x170	20,9	31,3	41,7	47,0	57,4	62,6	67,8	90,8	N/A
MXBSS4	250x260x120	18,8	28,2	37,6	42,4	51,8	56,5	61,2	81,9	N/A
MXBST4	250x260x160	20,8	31,1	41,5	46,7	57,1	62,3	67,5	90,3	N/A
MXBSU4	250x400x120	22,8	34,2	45,7	51,4	62,8	68,5	74,2	99,3	N/A
MXBSV4	250x400x160	26,2	39,3	52,4	58,9	72,0	78,6	85,1	113,9	N/A
MXBSW4	250x600x120	29,0	43,6	58,1	65,3	79,9	87,1	94,4	126,3	N/A
MXBSX4	300x400x200	32,2	48,4	64,5	72,6	88,7	96,7	104,8	140,3	N/A
MXBSY4	360x360x90	23,0	34,6	46,1	51,8	63,4	69,1	74,9	100,2	N/A
MXBSZ4	400x600x250	50,3	75,5	100,7	113,3	138,4	151,0	163,6	219,0	N/A
MXBSAA4	410x400x120	29,1	43,7	58,2	65,5	80,1	87,3	94,6	126,6	N/A
MXBSAB4	410x400x200	36,6	55,0	73,3	82,4	100,8	109,9	119,1	159,4	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	2,6	4,4	6,1	7,0	8,7	9,6	10,4	14,3	N/A
MXBSB4	80x80x80	3,4	5,7	8,0	9,1	11,4	12,5	13,7	18,7	N/A
MXBSC4	80x110x60	3,2	5,3	7,5	8,5	10,7	11,8	12,8	17,5	N/A
MXBSD4	80x110x80	4,2	7,0	9,8	11,2	13,9	15,3	16,7	22,9	N/A
MXBSE4	80x160x60	4,3	7,2	10,1	11,6	14,5	15,9	17,4	23,7	N/A
MXBSF4	80x160x80	5,1	8,5	11,9	13,7	17,1	18,8	20,5	28,0	N/A
MXBSG4	80x190x60	4,8	8,0	11,2	12,8	16,0	17,6	19,2	26,3	N/A
MXBSH4	80x190x80	5,7	9,4	13,2	15,1	18,8	20,7	22,6	30,9	N/A
MXBSI4	80x230x60	5,4	9,0	12,6	14,4	18,0	19,8	21,6	29,5	N/A
MXBSJ4	80x230x80	6,3	10,6	14,8	16,9	21,1	23,3	25,4	34,7	N/A
MXBSK4	120x120x90	6,0	10,0	14,0	15,9	19,9	21,9	23,9	32,7	N/A
MXBSL4	120x220x90	8,1	13,5	18,9	21,6	27,0	29,7	32,4	44,3	N/A
MXBSM4	160x160x90	7,8	13,0	18,2	20,8	26,0	28,6	31,2	42,6	N/A
MXBSN4	160x260x90	10,1	16,8	23,5	26,8	33,5	36,9	40,2	55,0	N/A
MXBSO4	160x360x90	12,2	20,3	28,4	32,4	40,5	44,6	48,6	66,4	N/A
MXBSP4	160x560x90	16,0	26,7	37,4	42,7	53,4	58,7	64,1	87,6	N/A
MXBSQ4	200x200x170	13,5	22,4	31,4	35,9	44,9	49,4	53,9	73,6	N/A
MXBSR4	200x300x170	15,7	26,1	36,5	41,7	52,2	57,4	62,6	85,6	N/A
MXBSS4	250x260x120	14,1	23,5	32,9	37,6	47,1	51,8	56,5	77,2	N/A
MXBST4	250x260x160	15,6	26,0	36,3	41,5	51,9	57,1	62,3	85,1	N/A
MXBSU4	250x400x120	17,1	28,5	39,9	45,7	57,1	62,8	68,5	93,6	N/A
MXBSV4	250x400x160	19,6	32,7	45,8	52,4	65,5	72,0	78,6	107,4	N/A
MXBSW4	250x600x120	21,8	36,3	50,8	58,1	72,6	79,9	87,1	119,1	N/A
MXBSX4	300x400x200	24,2	40,3	56,4	64,5	80,6	88,7	96,7	132,2	N/A
MXBSY4	360x360x90	17,3	28,8	40,3	46,1	57,6	63,4	69,1	94,5	N/A
MXBSZ4	400x600x250	37,8	62,9	88,1	100,7	125,8	138,4	151,0	206,4	N/A
MXBSAA4	410x400x120	21,8	36,4	51,0	58,2	72,8	80,1	87,3	119,4	N/A
MXBSAB4	410x400x200	27,5	45,8	64,1	73,3	91,6	100,8	109,9	150,2	N/A

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	1,7	3,5	5,2	6,1	7,8	8,7	9,6	13,4	N/A
MXBSB4	80x80x80	2,3	4,6	6,8	8,0	10,2	11,4	12,5	17,5	N/A
MXBSC4	80x110x60	2,1	4,3	6,4	7,5	9,6	10,7	11,8	16,5	N/A
MXBSD4	80x110x80	2,8	5,6	8,4	9,8	12,6	13,9	15,3	21,5	N/A
MXBSE4	80x160x60	2,9	5,8	8,7	10,1	13,0	14,5	15,9	22,3	N/A
MXBSF4	80x160x80	3,4	6,8	10,2	11,9	15,4	17,1	18,8	26,3	N/A
MXBSG4	80x190x60	3,2	6,4	9,6	11,2	14,4	16,0	17,6	24,7	N/A
MXBSH4	80x190x80	3,8	7,5	11,3	13,2	17,0	18,8	20,7	29,0	N/A
MXBSI4	80x230x60	3,6	7,2	10,8	12,6	16,2	18,0	19,8	27,7	N/A
MXBSJ4	80x230x80	4,2	8,5	12,7	14,8	19,0	21,1	23,3	32,6	N/A
MXBSK4	120x120x90	4,0	8,0	12,0	14,0	17,9	19,9	21,9	30,7	N/A
MXBSL4	120x220x90	5,4	10,8	16,2	18,9	24,3	27,0	29,7	41,6	N/A
MXBSM4	160x160x90	5,2	10,4	15,6	18,2	23,4	26,0	28,6	40,0	N/A
MXBSN4	160x260x90	6,7	13,4	20,1	23,5	30,2	33,5	36,9	51,6	N/A
MXBSO4	160x360x90	8,1	16,2	24,3	28,4	36,5	40,5	44,6	62,4	N/A
MXBSP4	160x560x90	10,7	21,4	32,0	37,4	48,1	53,4	58,7	82,2	N/A
MXBSQ4	200x200x170	9,0	18,0	26,9	31,4	40,4	44,9	49,4	69,1	N/A
MXBSR4	200x300x170	10,4	20,9	31,3	36,5	47,0	52,2	57,4	80,4	N/A
MXBSS4	250x260x120	9,4	18,8	28,2	32,9	42,4	47,1	51,8	72,5	N/A
MXBST4	250x260x160	10,4	20,8	31,1	36,3	46,7	51,9	57,1	79,9	N/A
MXBSU4	250x400x120	11,4	22,8	34,2	39,9	51,4	57,1	62,8	87,9	N/A
MXBSV4	250x400x160	13,1	26,2	39,3	45,8	58,9	65,5	72,0	100,8	N/A
MXBSW4	250x600x120	14,5	29,0	43,6	50,8	65,3	72,6	79,9	111,8	N/A
MXBSX4	300x400x200	16,1	32,2	48,4	56,4	72,6	80,6	88,7	124,1	N/A
MXBSY4	360x360x90	11,5	23,0	34,6	40,3	51,8	57,6	63,4	88,7	N/A
MXBSZ4	400x600x250	25,2	50,3	75,5	88,1	113,3	125,8	138,4	193,8	N/A
MXBSAA4	410x400x120	14,6	29,1	43,7	51,0	65,5	72,8	80,1	112,1	N/A
MXBSAB4	410x400x200	18,3	36,6	55,0	64,1	82,4	91,6	100,8	141,1	N/A

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	1,7	2,6	4,4	5,2	7,0	7,8	8,7	12,5	N/A
MXBSB4	80x80x80	2,3	3,4	5,7	6,8	9,1	10,2	11,4	16,4	N/A
MXBSC4	80x110x60	2,1	3,2	5,3	6,4	8,5	9,6	10,7	15,4	N/A
MXBSD4	80x110x80	2,8	4,2	7,0	8,4	11,2	12,6	13,9	20,1	N/A
MXBSE4	80x160x60	2,9	4,3	7,2	8,7	11,6	13,0	14,5	20,8	N/A
MXBSF4	80x160x80	3,4	5,1	8,5	10,2	13,7	15,4	17,1	24,6	N/A
MXBSG4	80x190x60	3,2	4,8	8,0	9,6	12,8	14,4	16,0	23,1	N/A
MXBSH4	80x190x80	3,8	5,7	9,4	11,3	15,1	17,0	18,8	27,1	N/A
MXBSI4	80x230x60	3,6	5,4	9,0	10,8	14,4	16,2	18,0	25,9	N/A
MXBSJ4	80x230x80	4,2	6,3	10,6	12,7	16,9	19,0	21,1	30,4	N/A
MXBSK4	120x120x90	4,0	6,0	10,0	12,0	15,9	17,9	19,9	28,7	N/A
MXBSL4	120x220x90	5,4	8,1	13,5	16,2	21,6	24,3	27,0	38,9	N/A
MXBSM4	160x160x90	5,2	7,8	13,0	15,6	20,8	23,4	26,0	37,4	N/A
MXBSN4	160x260x90	6,7	10,1	16,8	20,1	26,8	30,2	33,5	48,3	N/A
MXBSO4	160x360x90	8,1	12,2	20,3	24,3	32,4	36,5	40,5	58,3	N/A
MXBSP4	160x560x90	10,7	16,0	26,7	32,0	42,7	48,1	53,4	76,9	N/A
MXBSQ4	200x200x170	9,0	13,5	22,4	26,9	35,9	40,4	44,9	64,6	N/A
MXBSR4	200x300x170	10,4	15,7	26,1	31,3	41,7	47,0	52,2	75,1	N/A
MXBSS4	250x260x120	9,4	14,1	23,5	28,2	37,6	42,4	47,1	67,8	N/A
MXBST4	250x260x160	10,4	15,6	26,0	31,1	41,5	46,7	51,9	74,7	N/A
MXBSU4	250x400x120	11,4	17,1	28,5	34,2	45,7	51,4	57,1	82,2	N/A
MXBSV4	250x400x160	13,1	19,6	32,7	39,3	52,4	58,9	65,5	94,3	N/A
MXBSW4	250x600x120	14,5	21,8	36,3	43,6	58,1	65,3	72,6	104,5	N/A
MXBSX4	300x400x200	16,1	24,2	40,3	48,4	64,5	72,6	80,6	116,1	N/A
MXBSY4	360x360x90	11,5	17,3	28,8	34,6	46,1	51,8	57,6	82,9	N/A
MXBSZ4	400x600x250	25,2	37,8	62,9	75,5	100,7	113,3	125,8	181,2	N/A
MXBSAA4	410x400x120	14,6	21,8	36,4	43,7	58,2	65,5	72,8	104,8	N/A
MXBSAB4	410x400x200	18,3	27,5	45,8	55,0	73,3	82,4	91,6	131,9	N/A

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		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA4	80x80x60	N/A	1,7	3,5	4,4	6,1	7,0	7,8	11,7	N/A
MXBSB4	80x80x80	N/A	2,3	4,6	5,7	8,0	9,1	10,2	15,3	N/A
MXBSC4	80x110x60	N/A	2,1	4,3	5,3	7,5	8,5	9,6	14,3	N/A
MXBSD4	80x110x80	N/A	2,8	5,6	7,0	9,8	11,2	12,6	18,7	N/A
MXBSE4	80x160x60	N/A	2,9	5,8	7,2	10,1	11,6	13,0	19,4	N/A
MXBSF4	80x160x80	N/A	3,4	6,8	8,5	11,9	13,7	15,4	22,9	N/A
MXBSG4	80x190x60	N/A	3,2	6,4	8,0	11,2	12,8	14,4	21,5	N/A
MXBSH4	80x190x80	N/A	3,8	7,5	9,4	13,2	15,1	17,0	25,3	N/A
MXBSI4	80x230x60	N/A	3,6	7,2	9,0	12,6	14,4	16,2	24,1	N/A
MXBSJ4	80x230x80	N/A	4,2	8,5	10,6	14,8	16,9	19,0	28,3	N/A
MXBSK4	120x120x90	N/A	4,0	8,0	10,0	14,0	15,9	17,9	26,7	N/A
MXBSL4	120x220x90	N/A	5,4	10,8	13,5	18,9	21,6	24,3	36,2	N/A
MXBSM4	160x160x90	N/A	5,2	10,4	13,0	18,2	20,8	23,4	34,8	N/A
MXBSN4	160x260x90	N/A	6,7	13,4	16,8	23,5	26,8	30,2	44,9	N/A
MXBSO4	160x360x90	N/A	8,1	16,2	20,3	28,4	32,4	36,5	54,3	N/A
MXBSP4	160x560x90	N/A	10,7	21,4	26,7	37,4	42,7	48,1	71,5	N/A
MXBSQ4	200x200x170	N/A	9,0	18,0	22,4	31,4	35,9	40,4	60,2	N/A
MXBSR4	200x300x170	N/A	10,4	20,9	26,1	36,5	41,7	47,0	69,9	N/A
MXBSS4	250x260x120	N/A	9,4	18,8	23,5	32,9	37,6	42,4	63,1	N/A
MXBST4	250x260x160	N/A	10,4	20,8	26,0	36,3	41,5	46,7	69,6	N/A
MXBSU4	250x400x120	N/A	11,4	22,8	28,5	39,9	45,7	51,4	76,5	N/A
MXBSV4	250x400x160	N/A	13,1	26,2	32,7	45,8	52,4	58,9	87,7	N/A
MXBSW4	250x600x120	N/A	14,5	29,0	36,3	50,8	58,1	65,3	97,3	N/A
MXBSX4	300x400x200	N/A	16,1	32,2	40,3	56,4	64,5	72,6	108,0	N/A
MXBSY4	360x360x90	N/A	11,5	23,0	28,8	40,3	46,1	51,8	77,2	N/A
MXBSZ4	400x600x250	N/A	25,2	50,3	62,9	88,1	100,7	113,3	168,6	N/A
MXBSAA4	410x400x120	N/A	14,6	29,1	36,4	51,0	58,2	65,5	97,5	N/A
MXBSAB4	410x400x200	N/A	18,3	36,6	45,8	64,1	73,3	82,4	122,7	N/A

Tableaux 4 / *tables 4*

Model MXBS*5
(en ALUMINIUM HT)

Ⓔx II 2 G D
Ex eb IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Ou

Ⓔx II 2 G D
Ex ia ou ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Ou

Ⓔx II 2 G D
Ex eb ia ou eb ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*

* La gamme de température ambiante d'utilisation doit être réduite, le cas échant, selon les limitations des équipements certifiés utilisés (socle de prises et boite de jonction).

(5) : Complété selon tableaux 5 ci-dessous :

Model MXBS*5
(in ALUMINUM HT)

Ⓔx II 2 G D
Ex eb IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Or

Ⓔx II 2 G D
Ex ia or ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*
Or

Ⓔx II 2 G D
Ex eb ia or eb ib IIC T… Gb (5)
Ex tb IIIC T…°C Db IP66 (5)
Ta : -55°C / +60°C*

* The ambient temperature range must be reduced, if relevant, according to the limitations of certified equipments used (socket outlets & inlets and junction box).

(5) : Completed according to tables 5 below :

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +40°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	5,2	7,8	10,4	11,7	14,3	15,6	16,9	N/A	23,4
MXBSB5	80x130x60	7	10,6	14,1	15,9	19,4	21,2	23	N/A	31,8
MXBSC5	80x180x60	8,9	13,3	17,8	20	24,5	26,7	28,9	N/A	40
MXBSD5	80x250x50	10,9	16,4	21,9	24,7	30,1	32,9	35,6	N/A	49,4
MXBSE5	100x100x80	8,7	13	17,4	19,6	23,9	26,1	28,3	N/A	39,2
MXBSF5	100x160x80	11,5	17,3	23,1	26	31,8	34,7	37,6	N/A	52
MXBSG5	100x200x80	13,4	20,1	26,8	30,2	36,9	40,3	43,6	N/A	60,4
MXBSH5	120x120x80	10,8	16,2	21,6	24,3	29,7	32,4	35,1	N/A	48,6
MXBSI5	120x120x90	11,6	17,5	23,3	26,2	32,1	35	37,9	N/A	52,5
MXBSJ5	120x220x80	15,6	23,5	31,3	35,3	43,1	47	50,9	N/A	70,6
MXBSK5	120x220x90	16,8	25,3	33,7	37,9	46,3	50,6	54,8	N/A	75,9
MXBSL5	120x360x80	22,3	33,5	44,7	50,3	61,5	67,1	72,7	N/A	100,7
MXBSM5	140x140x90	13,7	20,6	27,5	31	37,9	41,3	44,8	N/A	62
MXBSN5	140x200x90	17,1	25,7	34,2	38,5	47,1	51,4	55,7	N/A	77,1
MXBSO5	160x160x90	16,1	24,1	32,2	36,2	44,2	48,3	52,3	N/A	72,4
MXBSP5	160x260x90	21,9	32,8	43,8	49,3	60,2	65,7	71,2	N/A	98,6
MXBSQ5	160x360x90	27,5	41,3	55,1	62	75,7	82,6	89,5	N/A	124
MXBSR5	160x560x90	38,4	57,7	76,9	86,6	105,8	115,4	125	N/A	173,2
MXBSS5	180x180x100	19,7	29,6	39,5	44,4	54,3	59,2	64,2	N/A	88,8
MXBST5	180x280x100	26,1	39,1	52,2	58,7	71,8	78,3	84,8	N/A	117,5
MXBSU5	100x230x110	18,2	27,3	36,5	41	50,1	54,7	59,3	N/A	82,1
MXBSV5	200x230x110	26,1	39,1	52,2	58,7	71,7	78,3	84,8	N/A	117,4
MXBSW5	200x230x180	35,9	53,9	71,8	80,8	98,8	107,8	116,8	N/A	161,7
MXBSX5	230x280x110	31,6	47,5	63,3	71,3	87,1	95	103	N/A	142,6
MXBSY5	230x330x110	35,3	52,9	70,6	79,4	97	105,9	114,7	N/A	158,8
MXBSZ5	230x330x180	47,5	71,3	95,1	107	130,8	142,7	154,6	N/A	214,1
MXBSAA5	230x400x110	40,2	60,4	80,5	90,6	110,7	120,8	130,9	N/A	181,2
MXBSAB5	230x400x230	62,2	93,3	124,5	140	171,2	186,7	202,3	N/A	280,1
MXBSAC5	230x600x110	54,1	81,2	108,3	121,9	148,9	162,5	176	N/A	243,8
MXBSAD5	310x400x110	48,6	72,9	97,2	109,3	133,6	145,8	157,9	N/A	218,7
MXBSAE5	310x400x140	54,9	82,4	109,9	123,7	151,2	164,9	178,7	N/A	247,4
MXBSAF5	310x400x180	63,8	95,7	127,6	143,5	175,4	191,4	207,3	N/A	287,1
MXBSAG5	310x400x230	73,5	110,3	147,1	165,5	202,3	220,7	239,1	N/A	331
MXBSAH5	310x600x110	64	96	128,1	144,1	176,1	192,1	208,1	N/A	288,2
MXBSAI5	310x600x180	82,7	124,1	165,5	186,2	227,6	248,3	268,9	N/A	372,4
MXBSAJ5	600x600x200	129,1	193,7	258,3	290,5	355,1	387,4	419,7	N/A	581,1

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +45°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	3,9	6,5	9,1	10,4	13	14,3	15,6	N/A	22,1
MXBSB5	80x130x60	5,3	8,8	12,3	14,1	17,7	19,4	21,2	N/A	30,1
MXBSC5	80x180x60	6,6	11,1	15,5	17,8	22,2	24,5	26,7	N/A	37,8
MXBSD5	80x250x50	8,2	13,7	19,2	21,9	27,4	30,1	32,9	N/A	46,6
MXBSE5	100x100x80	6,5	10,8	15,2	17,4	21,7	23,9	26,1	N/A	37
MXBSF5	100x160x80	8,6	14,4	20,2	23,1	28,9	31,8	34,7	N/A	49,1
MXBSG5	100x200x80	10	16,7	23,5	26,8	33,5	36,9	40,3	N/A	57,1
MXBSH5	120x120x80	8,1	13,5	18,9	21,6	27	29,7	32,4	N/A	45,9
MXBSI5	120x120x90	8,7	14,6	20,4	23,3	29,2	32,1	35	N/A	49,6
MXBSJ5	120x220x80	11,7	19,6	27,4	31,3	39,2	43,1	47	N/A	66,6
MXBSK5	120x220x90	12,6	21	29,5	33,7	42,1	46,3	50,6	N/A	71,7
MXBSL5	120x360x80	16,7	27,9	39,1	44,7	55,9	61,5	67,1	N/A	95,1
MXBSM5	140x140x90	10,3	17,2	24,1	27,5	34,4	37,9	41,3	N/A	58,6
MXBSN5	140x200x90	12,8	21,4	30	34,2	42,8	47,1	51,4	N/A	72,8
MXBSO5	160x160x90	12	20,1	28,1	32,2	40,2	44,2	48,3	N/A	68,4
MXBSP5	160x260x90	16,4	27,4	38,3	43,8	54,8	60,2	65,7	N/A	93,1
MXBSQ5	160x360x90	20,6	34,4	48,2	55,1	68,9	75,7	82,6	N/A	117,1
MXBSR5	160x560x90	28,8	48,1	67,3	76,9	96,2	105,8	115,4	N/A	163,5
MXBSS5	180x180x100	14,8	24,6	34,5	39,5	49,3	54,3	59,2	N/A	83,9
MXBST5	180x280x100	19,5	32,6	45,7	52,2	65,2	71,8	78,3	N/A	110,9
MXBSU5	100x230x110	13,6	22,8	31,9	36,5	45,6	50,1	54,7	N/A	77,5
MXBSV5	200x230x110	19,5	32,6	45,6	52,2	65,2	71,7	78,3	N/A	110,9
MXBSW5	200x230x180	26,9	44,9	62,8	71,8	89,8	98,8	107,8	N/A	152,7
MXBSX5	230x280x110	23,7	39,6	55,4	63,3	79,2	87,1	95	N/A	134,6
MXBSY5	230x330x110	26,4	44,1	61,7	70,6	88,2	97	105,9	N/A	150
MXBSZ5	230x330x180	35,6	59,4	83,2	95,1	118,9	130,8	142,7	N/A	202,2
MXBSAA5	230x400x110	30,2	50,3	70,5	80,5	100,7	110,7	120,8	N/A	171,2
MXBSAB5	230x400x230	46,6	77,8	108,9	124,5	155,6	171,2	186,7	N/A	264,6
MXBSAC5	230x600x110	40,6	67,7	94,8	108,3	135,4	148,9	162,5	N/A	230,2
MXBSAD5	310x400x110	36,4	60,7	85	97,2	121,5	133,6	145,8	N/A	206,6
MXBSAE5	310x400x140	41,2	68,7	96,2	109,9	137,4	151,2	164,9	N/A	233,7
MXBSAF5	310x400x180	47,8	79,7	111,6	127,6	159,5	175,4	191,4	N/A	271,1
MXBSAG5	310x400x230	55,1	91,9	128,7	147,1	183,9	202,3	220,7	N/A	312,6
MXBSAH5	310x600x110	48	80	112	128,1	160,1	176,1	192,1	N/A	272,2
MXBSAI5	310x600x180	62	103,4	144,8	165,5	206,9	227,6	248,3	N/A	351,7
MXBSAJ5	600x600x200	96,8	161,4	226	258,3	322,8	355,1	387,4	N/A	548,8

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

		Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +50°C**								
TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	2,6	5,2	7,8	9,1	11,7	13	14,3	N/A	20,8
MXBSB5	80x130x60	3,5	7	10,6	12,3	15,9	17,7	19,4	N/A	28,3
MXBSC5	80x180x60	4,4	8,9	13,3	15,5	20	22,2	24,5	N/A	35,6
MXBSD5	80x250x50	5,4	10,9	16,4	19,2	24,7	27,4	30,1	N/A	43,9
MXBSE5	100x100x80	4,3	8,7	13	15,2	19,6	21,7	23,9	N/A	34,8
MXBSF5	100x160x80	5,7	11,5	17,3	20,2	26	28,9	31,8	N/A	46,2
MXBSG5	100x200x80	6,7	13,4	20,1	23,5	30,2	33,5	36,9	N/A	53,7
MXBSH5	120x120x80	5,4	10,8	16,2	18,9	24,3	27	29,7	N/A	43,2
MXBSI5	120x120x90	5,8	11,6	17,5	20,4	26,2	29,2	32,1	N/A	46,7
MXBSJ5	120x220x80	7,8	15,6	23,5	27,4	35,3	39,2	43,1	N/A	62,7
MXBSK5	120x220x90	8,4	16,8	25,3	29,5	37,9	42,1	46,3	N/A	67,4
MXBSL5	120x360x80	11,1	22,3	33,5	39,1	50,3	55,9	61,5	N/A	89,5
MXBSM5	140x140x90	6,8	13,7	20,6	24,1	31	34,4	37,9	N/A	55,1
MXBSN5	140x200x90	8,5	17,1	25,7	30	38,5	42,8	47,1	N/A	68,5
MXBSO5	160x160x90	8	16,1	24,1	28,1	36,2	40,2	44,2	N/A	64,4
MXBSP5	160x260x90	10,9	21,9	32,8	38,3	49,3	54,8	60,2	N/A	87,6
MXBSQ5	160x360x90	13,7	27,5	41,3	48,2	62	68,9	75,7	N/A	110,2
MXBSR5	160x560x90	19,2	38,4	57,7	67,3	86,6	96,2	105,8	N/A	153,9
MXBSS5	180x180x100	9,8	19,7	29,6	34,5	44,4	49,3	54,3	N/A	79
MXBST5	180x280x100	13	26,1	39,1	45,7	58,7	65,2	71,8	N/A	104,4
MXBSU5	100x230x110	9,1	18,2	27,3	31,9	41	45,6	50,1	N/A	73
MXBSV5	200x230x110	13	26,1	39,1	45,6	58,7	65,2	71,7	N/A	104,4
MXBSW5	200x230x180	17,9	35,9	53,9	62,8	80,8	89,8	98,8	N/A	143,7
MXBSX5	230x280x110	15,8	31,6	47,5	55,4	71,3	79,2	87,1	N/A	126,7
MXBSY5	230x330x110	17,6	35,3	52,9	61,7	79,4	88,2	97	N/A	141,2
MXBSZ5	230x330x180	23,7	47,5	71,3	83,2	107	118,9	130,8	N/A	190,3
MXBSAA5	230x400x110	20,1	40,2	60,4	70,5	90,6	100,7	110,7	N/A	161,1
MXBSAB5	230x400x230	31,1	62,2	93,3	108,9	140	155,6	171,2	N/A	249
MXBSAC5	230x600x110	27	54,1	81,2	94,8	121,9	135,4	148,9	N/A	216,7
MXBSAD5	310x400x110	24,3	48,6	72,9	85	109,3	121,5	133,6	N/A	194,4
MXBSAE5	310x400x140	27,4	54,9	82,4	96,2	123,7	137,4	151,2	N/A	219,9
MXBSAF5	310x400x180	31,9	63,8	95,7	111,6	143,5	159,5	175,4	N/A	255,2
MXBSAG5	310x400x230	36,7	73,5	110,3	128,7	165,5	183,9	202,3	N/A	294,2
MXBSAH5	310x600x110	32	64	96	112	144,1	160,1	176,1	N/A	256,2
MXBSAI5	310x600x180	41,3	82,7	124,1	144,8	186,2	206,9	227,6	N/A	331
MXBSAJ5	600x600x200	64,5	129,1	193,7	226	290,5	322,8	355,1	N/A	516,6

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1 **Version : 00** **LCIE 17 ATEX 3005 X** **Issue : 00**

TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +55°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	2,6	3,9	6,5	7,8	10,4	11,7	13	N/A	19,5
MXBSB5	80x130x60	3,5	5,3	8,8	10,6	14,1	15,9	17,7	N/A	26,5
MXBSC5	80x180x60	4,4	6,6	11,1	13,3	17,8	20	22,2	N/A	33,4
MXBSD5	80x250x50	5,4	8,2	13,7	16,4	21,9	24,7	27,4	N/A	41,1
MXBSE5	100x100x80	4,3	6,5	10,8	13	17,4	19,6	21,7	N/A	32,6
MXBSF5	100x160x80	5,7	8,6	14,4	17,3	23,1	26	28,9	N/A	43,3
MXBSG5	100x200x80	6,7	10	16,7	20,1	26,8	30,2	33,5	N/A	50,3
MXBSH5	120x120x80	5,4	8,1	13,5	16,2	21,6	24,3	27	N/A	40,5
MXBSI5	120x120x90	5,8	8,7	14,6	17,5	23,3	26,2	29,2	N/A	43,8
MXBSJ5	120x220x80	7,8	11,7	19,6	23,5	31,3	35,3	39,2	N/A	58,8
MXBSK5	120x220x90	8,4	12,6	21	25,3	33,7	37,9	42,1	N/A	63,2
MXBSL5	120x360x80	11,1	16,7	27,9	33,5	44,7	50,3	55,9	N/A	83,9
MXBSM5	140x140x90	6,8	10,3	17,2	20,6	27,5	31	34,4	N/A	51,7
MXBSN5	140x200x90	8,5	12,8	21,4	25,7	34,2	38,5	42,8	N/A	64,3
MXBSO5	160x160x90	8	12	20,1	24,1	32,2	36,2	40,2	N/A	60,4
MXBSP5	160x260x90	10,9	16,4	27,4	32,8	43,8	49,3	54,8	N/A	82,2
MXBSQ5	160x360x90	13,7	20,6	34,4	41,3	55,1	62	68,9	N/A	103,3
MXBSR5	160x560x90	19,2	28,8	48,1	57,7	76,9	86,6	96,2	N/A	144,3
MXBSS5	180x180x100	9,8	14,8	24,6	29,6	39,5	44,4	49,3	N/A	74
MXBST5	180x280x100	13	19,5	32,6	39,1	52,2	58,7	65,2	N/A	97,9
MXBSU5	100x230x110	9,1	13,6	22,8	27,3	36,5	41	45,6	N/A	68,4
MXBSV5	200x230x110	13	19,5	32,6	39,1	52,2	58,7	65,2	N/A	97,9
MXBSW5	200x230x180	17,9	26,9	44,9	53,9	71,8	80,8	89,8	N/A	134,7
MXBSX5	230x280x110	15,8	23,7	39,6	47,5	63,3	71,3	79,2	N/A	118,8
MXBSY5	230x330x110	17,6	26,4	44,1	52,9	70,6	79,4	88,2	N/A	132,3
MXBSZ5	230x330x180	23,7	35,6	59,4	71,3	95,1	107	118,9	N/A	178,4
MXBSAA5	230x400x110	20,1	30,2	50,3	60,4	80,5	90,6	100,7	N/A	151
MXBSAB5	230x400x230	31,1	46,6	77,8	93,3	124,5	140	155,6	N/A	233,4
MXBSAC5	230x600x110	27	40,6	67,7	81,2	108,3	121,9	135,4	N/A	203,1
MXBSAD5	310x400x110	24,3	36,4	60,7	72,9	97,2	109,3	121,5	N/A	182,3
MXBSAE5	310x400x140	27,4	41,2	68,7	82,4	109,9	123,7	137,4	N/A	206,2
MXBSAF5	310x400x180	31,9	47,8	79,7	95,7	127,6	143,5	159,5	N/A	239,2
MXBSAG5	310x400x230	36,7	55,1	91,9	110,3	147,1	165,5	183,9	N/A	275,8
MXBSAH5	310x600x110	32	48	80	96	128,1	144,1	160,1	N/A	240,1
MXBSAI5	310x600x180	41,3	62	103,4	124,1	165,5	186,2	206,9	N/A	310,3
MXBSAJ5	600x600x200	64,5	96,8	161,4	193,7	258,3	290,5	322,8	N/A	484,3

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TECHNOR Type	Taille en mm / *Size in mm* (l x L x H)	Puissance dissipée maximale (W) / *Maximum power dissipation (W)* - **Tamb +60°C**								
		Int. Temp. 60°C (T6/T85°C)	Int. Temp. 70°C (T6/T85°C)	Int. Temp. 80°C (T6/T85°C)	Int. Temp. 85°C (T5/T100°C)	Int. Temp. 95°C (T5/T100°C)	Int. Temp. 100°C (T4/T135°C)	Int. Temp. 105°C (T4/T135°C)	Int. Temp. 127°C (T4/T135°C)	Int. Temp. 130°C (T4/T135°C)
MXBSA5	80x80x60	N/A	2,6	5,2	6,5	9,1	10,4	11,7	N/A	18,2
MXBSB5	80x130x60	N/A	3,5	7	8,8	12,3	14,1	15,9	N/A	24,7
MXBSC5	80x180x60	N/A	4,4	8,9	11,1	15,5	17,8	20,0	N/A	31,1
MXBSD5	80x250x50	N/A	5,4	10,9	13,7	19,2	21,9	24,7	N/A	38,4
MXBSE5	100x100x80	N/A	4,3	8,7	10,8	15,2	17,4	19,6	N/A	30,4
MXBSF5	100x160x80	N/A	5,7	11,5	14,4	20,2	23,1	26,0	N/A	40,5
MXBSG5	100x200x80	N/A	6,7	13,4	16,7	23,5	26,8	30,2	N/A	47
MXBSH5	120x120x80	N/A	5,4	10,8	13,5	18,9	21,6	24,3	N/A	37,8
MXBSI5	120x120x90	N/A	5,8	11,6	14,6	20,4	23,3	26,2	N/A	40,8
MXBSJ5	120x220x80	N/A	7,8	15,6	19,6	27,4	31,3	35,3	N/A	54,9
MXBSK5	120x220x90	N/A	8,4	16,8	21	29,5	33,7	37,9	N/A	59
MXBSL5	120x360x80	N/A	11,1	22,3	27,9	39,1	44,7	50,3	N/A	78,3
MXBSM5	140x140x90	N/A	6,8	13,7	17,2	24,1	27,5	31,0	N/A	48,2
MXBSN5	140x200x90	N/A	8,5	17,1	21,4	30,0	34,2	38,5	N/A	60
MXBSO5	160x160x90	N/A	8	16,1	20,1	28,1	32,2	36,2	N/A	56,3
MXBSP5	160x260x90	N/A	10,9	21,9	27,4	38,3	43,8	49,3	N/A	76,7
MXBSQ5	160x360x90	N/A	13,7	27,5	34,4	48,2	55,1	62,0	N/A	96,4
MXBSR5	160x560x90	N/A	19,2	38,4	48,1	67,3	76,9	86,6	N/A	134,7
MXBSS5	180x180x100	N/A	9,8	19,7	24,6	34,5	39,5	44,4	N/A	69,1
MXBST5	180x280x100	N/A	13	26,1	32,6	45,7	52,2	58,7	N/A	91,4
MXBSU5	100x230x110	N/A	9,1	18,2	22,8	31,9	36,5	41,0	N/A	63,8
MXBSV5	200x230x110	N/A	13	26,1	32,6	45,6	52,2	58,7	N/A	91,3
MXBSW5	200x230x180	N/A	17,9	35,9	44,9	62,8	71,8	80,8	N/A	125,7
MXBSX5	230x280x110	N/A	15,8	31,6	39,6	55,4	63,3	71,3	N/A	110,9
MXBSY5	230x330x110	N/A	17,6	35,3	44,1	61,7	70,6	79,4	N/A	123,5
MXBSZ5	230x330x180	N/A	23,7	47,5	59,4	83,2	95,1	107,0	N/A	166,5
MXBSAA5	230x400x110	N/A	20,1	40,2	50,3	70,5	80,5	90,6	N/A	141
MXBSAB5	230x400x230	N/A	31,1	62,2	77,8	108,9	124,5	140,0	N/A	217,9
MXBSAC5	230x600x110	N/A	27	54,1	67,7	94,8	108,3	121,9	N/A	189,6
MXBSAD5	310x400x110	N/A	24,3	48,6	60,7	85,0	97,2	109,3	N/A	170,1
MXBSAE5	310x400x140	N/A	27,4	54,9	68,7	96,2	109,9	123,7	N/A	192,4
MXBSAF5	310x400x180	N/A	31,9	63,8	79,7	111,6	127,6	143,5	N/A	223,3
MXBSAG5	310x400x230	N/A	36,7	73,5	91,9	128,7	147,1	165,5	N/A	257,4
MXBSAH5	310x600x110	N/A	32	64	80	112,0	128,1	144,1	N/A	224,1
MXBSAI5	310x600x180	N/A	41,3	82,7	103,4	144,8	165,5	186,2	N/A	289,6
MXBSAJ5	600x600x200	N/A	64,5	129,1	161,4	226,0	258,3	290,5	N/A	452

Tableaux 5 / *tables 5*

L'appareil doit également comporter le marquage normalement prévu par les normes de construction qui le concernent sous la responsabilité du fabricant.

The equipment shall also bear the usual marking required by the product standards applying to such equipment under the manufacturer responsibility.

13 CONDITIONS PARTICULIERES D'UTILISATION

SPECIFIC CONDITIONS OF USE

a. Les boites de jonction, les prises et leurs accessoires doivent être installées conformément aux conditions spéciales d'utilisation spécifiées dans leur propre certificat et aux instructions du fabricant.

Junction boxes, socket outlets & inlets and their accessories shall be installed in accordance with the specific conditions of use mentioned on their certificate and the manufacturer's instruction.

b. Toutes les entrées de l'enveloppe doivent être équipées des entrées de câble ou des éléments d'obturation certifiés avec un mode de protection et un dégrée de protection compatible pour l'usage prévu.

All entries in the enclosure shall be equipped with cable glands or blanking elements certified with a protection mode and an ingress protection compatible for the intended use.

c. Toutes les parties conductrices doivent être séparées par une distance supérieure ou égale à celles requises par la norme EN 60079-7.

All conducting parts shall be separated from a distance superior or equal to the ones required by EN 60079-7 standard.

d. Les enveloppes équipées de parties transparentes en polycarbonate, les enveloppes peintes ayant une épaisseur de peinture supérieure à 0.2 mm, et les enveloppes en GRP non-antistatique (autre que celles en couleur noir) : nettoyer uniquement avec un chiffon mouillé ou des produits antistatiques.

Enclosures equipped with polycarbonate transparent parts, painted enclosures having paint layer thickness more than 0.2 mm, and not antistatic GRP enclosures (other than the black colored ones): clean only by damp cloth or antistatic products.

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Une société de Bureau Veritas
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FRANCE
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e. Pour les entrées filetées avec des filets parallèles, l'utilisation d'une garniture est requise

f. Les modèles équipés de DXN1 ne doivent pas être soumis à des chocs mécaniques de plus de 4J.

Conditions complémentaires pour modèles en version sécurité intrinsèque :

g. L'utilisateur final doit raccorder l'appareil qu'à un matériel associé de sécurité intrinsèque certifié. Cette association doit être compatible du point de vue de la sécurité intrinsèque.

h. Le fabricant devra s'assurer que les bornes des circuits de sécurité intrinsèque sont séparées de celles des circuits de non sécurité intrinsèque conformément au paragraphe 6.2 de la norme EN 60079-11.

i. Le fabricant devra s'assurer que la séparation des parties conductrices entre des circuits de sécurité intrinsèque et de sécurité non intrinsèque, ou différents circuits de sécurité intrinsèque, ou un circuit et des parties métalliques isolées ou raccordées à la terre doit être conforme au paragraphe 6.3 de la norme EN 60079-11.

For the threaded entries with parallel threads, the use of a gasket is required.

The models equipped with DXN1 shall not be exposed to mechanical impact higher than 4 Joules.

Additional conditions for models in intrinsic safety version :

The final users shall only connect the equipment to certify associated intrinsically safe apparatus. This combination must be compatible as regards intrinsic safety rules.

The manufacturer shall ensure that terminals for intrinsic safety circuits shall be separated from those for non-intrinsic safety circuits in accordance with clause 6.2 of EN 60079-11 standard.

The manufacturer shall ensure that separation of conductive parts between intrinsically safe and non-intrinsically safe circuits, or different intrinsically safe circuits, or a circuit and earthed or isolated metal parts shall conform to clause 6.3 of EN 60079-11 standard.

14 EXIGENCES ESSENTIELLES DE SANTE ET DE SECURITE

Couvertes par les normes listées au point 8.

ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

Covered by standards listed at 8.

15 DOCUMENTS DESCRIPTIFS

DESCRIPTIVE DOCUMENTS

N°	Description	Reference	Rev.	Date	Page(s)
1.	Dossier technique / Technical file	TN1605	0	2016/11/22	75
2.	Notice / Instruction sheet	Annexe 1 / Annex 1	Draft	---	5

16 INFORMATIONS COMPLEMENTAIRES

Essais individuels

Pour modèles du mode de protection Ex e, chaque exemplaire de l'appareil doit être soumis à un essai de rigidité diélectrique conformément à la clause 7.1 de la norme EN 60079-7.

Essai complémentaire pour modèles en version sécurité intrinsèque :
L'isolation entre des circuits de sécurité intrinsèque et de sécurité non intrinsèque, ou différents circuits de sécurité intrinsèque, ou un circuit et des parties métalliques ou le châssis raccordés à la terre doit pouvoir supporter l'essai de rigidité diélectrique du §6.3.13 de la norme EN 60079-11.

Ces produits sont déclarés conformes par leurs fabricants et leur conformité ne relève pas de la responsabilité du LCIE.

Conditions de certification

Les détenteurs d'attestations d'examen UE de type doivent également satisfaire les exigences de contrôle de production telles que définies à l'article 13 de la Directive 2014/34/UE.

ADDITIONAL INFORMATIONS

Routine tests

For models of protection type Ex e, each equipment shall be submitted to a dielectric strength test in accordance with clause 7.1 of the EN 60079-7 standard.

Additional test for models in intrinsic safety version :
Insulation between intrinsically safe and non-intrinsically safe circuits, or different intrinsically safe circuits, or an intrinsically safe circuit and earthed frame or metal parts shall be capable of complying with dielectric strength tests in §6.3.13 of EN 60079-11 standard.

These products are declared compliant by their manufacturers and their conformity does not fall under the responsibility of LCIE.

Conditions of certification

Holders of EU type examination certificates are also required to comply with the production control requirements defined in article 13 of Directive 2014/34/EU.

17 DETAILS DES MODIFICATIONS

Version 00 : Evaluation de boitier de prises, type MXBS selon les normes EN 60079-0:2012+A11:2013, EN 60079-7:2015, EN 60079-11:2012 et EN 60079-31:2014.

DETAILS OF CHANGES

Issue 00 : Assessment of the box with socket outlet & inlet, type MXBS according to EN 60079-0:2012+A11:2013, EN 60079-7:2015, EN 60079-11:2012 and EN 60079-31:2014.

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FRANCE
WWW.LCIE.FR

[1] SUPPLEMENTARY EU – TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU.

[3] Supplementary EU-Type Examination Certificate Number: **FIDI 21 ATEX 0090X/1**

[4] Product: **Junction boxes, local control stations and local control panels**

Type: **AQ-***P / AQ-***AL / AR-***P / AR-***AL**
AQ-*P-HT / AQ-***AL-HT / AR-***P-HT / AR-***AL-HT**
SB-* / ST-*****
EFE-* / EFXE-*** AL/ EFXE-***SB / EFXE-***ST**
EFE-*-HT / EFXE-***AL-HT**

[5] Manufacturer: **Technor Italsmea S.p.A.**

[6] Address: **Via Italia 33, 20060 Gessate (MI), Italy**

[7] This supplementary certificate extends EU – Type Examination Certificate to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule to this certificate and the documents therein referred to.

[8] FIDITAS Ltd., Notified Body number 2829 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.

[9] The examination and test results are recorded in confidential Report No: **FIDI 23 CR 019**

[10] The marking of the product shall include the following:

II 1 G	**Ex ia IIC/IIB T6...T4 Ga**(2) or
II 2(1) G or **II 2(2) G**	**Ex db eb ia/ib mb [**(3)**] IIC/IIB T6...T4 Gb**(1) or
II 2 G	**Ex eb IIC/IIB T6...T4 Gb**(1) or
II 2 D	**Ex tb IIIC T85°C...T135°C Db**

(1) Others type of protection additional to 'eb' depending to the components actually mounted.

(2) In case of enclosures containing 'eb' terminals and/or 'ia Ga' already certified components (with compatible marking) only.

(3) Associated equipment protection depending on the components actually mounted (see lists): e.g. [ia/ib/ia Ga/ia IIIC Da] and/or [ia IIIC Da] or [ia/ib/ia Ga/ia IIIC Da] and/or [ia/ib/ia Ga] [ia IIIC Da]

FIDITAS Ltd.
Certification department
Approved:

Marino Kelava, M.E.Eng.

Our ref.: 23.CRT.071

Date: 19.04.2023

Fiditas d.o.o. ZAGREB

Fiditas Ltd. Slavka Tomerlina 44, 10361 Zagreb-Sesvete, Croatia
Phone: +385 1 5578565; info@fiditas.com ; www.fiditas.com

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[11] SCHEDULE

[12] **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE No.: FIDI 21 ATEX 0090X /1**

[13] Description of the variation to the Product

New Ex products added:

- Surge voltage protection unit type: PLUGTRAB PT2 or PT4 – PHOENIX CONTACT; II 1G> Ex ia IIC T4...T6 Ga; KEMA 00 ATEX 1099X;
- SITRANS TH230/420, type: 7NG0317, 0310; 0410 TR320/TR420 7NG0327; 7NG0320; TYPE 7NG0420; Siemens AG; II 1G Ex ia IIC T6...T4 Ga; II 2(1)G Ex ib [ia Ga] IIC T6...T4 Gb; DEKRA 17 ATEX 0116X
- Enhanced Model 644 Temperature Transmitter, ROSEMOUNT INCORPORATED, II 1G Ex ia IIC T6...T4 Ga; DEKRA 21ATEX0003X,
- Temperature Transmitter type: 5434D; 5431D; 6431D; 5435D; 5437D; 5437D; 5437B; 6437D, II 1G Ex ia IIC T6...T4 Ga; II 2(1)G Ex ib [ia Ga] IIC T6...T4 Gb; DEKRA 16 ATEX 0047X,
- Controls Units and / or Junction Boxes Type: GUB..., TECHNOR ITALSMEA; II 2G Ex db (*) IIC T(*) Gb; INERIS 22 ATEX 0008X
- Cable Transit Device type: CF 8 Ex, CF 32 Ex, CF 16 Ex, C RS T...Ex, RS..B Ex, SF...Ex, SFX...B Ex, B...B Ex, R...B Ex and RO...B; ROXTEC INTERNATIONAL AB, II 2G Ex e IIC Gb, II 2D Ex tb IIC Db; NEMKO 12 ATEX 1278X
- Cable Transit Device type: HD 16 Ex, HD 24 Ex, HD 32 Ex and HDLC Ex, ROXTEC INTERNATIONAL AB, II 2G Ex eb IIC Gb, II 2D Ex tb IIIC Db, PRESAFE 15 ATEX 6419X
- Control stations and junction boxes type: CP..., TECHNOR ITALSMEA, II 2G Ex db IIC T6 or T5 or T4 Gb or II 2(1)G Ex db [ia Ga] IIC T6 Gb(***) or II 2(2)G Ex db [ib] IIC T6 Gb (***); INERIS 03 ATEX 0009X
- Industrial plug and socket type: DXN1, MARECHAL ELECTRIC, II 2G Ex db eb IIC T5 or T6; II 2D Ex tb IIIC T90°C/T70°C; LCIE 99 ATEX6027X
- Industrial plug and socket type: DXN3, MARECHAL ELECTRIC; II 2G Ex db eb IIC T5 or T6; II 2D Ex tb IIIC T90°C/T70°C; LCIE 05 ATEX 6149X
- Industrial plug and socket type: DXN6, MARECHAL ELECTRIC, II 2G Ex db eb IIC T5 or T6; II 2D Ex tb IIIC T90°C/T70°C; LCIE 05 ATEX 6150X
- Industrial plug and socket type: PXN12C, MARECHAL ELECTRIC, II 2G Ex eb IIC T*; II 2G Ex ia or ib IIC T*; II 2D Ex tb IIIC T* Db; LCIE 07 ATEX 6070X
- Industrial plug and socket type: DXN25C, MARECHAL ELECTRIC; II 2G Ex eb IIC T*; II 2G Ex ia or ib IIC T6; II2D Ex tb IIIC T*; LCIE 09ATEX3050X
- Industrial plug and socket type: DXN37C, MARECHAL ELECTRIC; II 2G Ex eb IIC T*; II 2G Ex ia or ib IIC T6; II2D Ex tb IIIC T*; LCIE 07ATEX6071X
- Industrial plug and socket type: SPeX, MARECHAL ELECTRIC, II 2G Ex eb IIC T*; II2D Ex tb IIIC T* Db; LCIE 07ATEX6073X
- Industrial plug and socket type: DXA1, MARECHAL ELECTRIC, II 2G Ex db eb IIC T* Gb; II 2D Ex tb IIC T*°C Db; LCIE 15ATEX 3033X
- Industrial plug and socket type: PNCX, MARECHAL ELECTRIC, II 2G Ex IIC T6 Gb; II 2D Ex tb IIIC T72°C Db; LCIE 16ATEX3001X
- Terminal type: WDU 240, WEIDMULLER, II 2G Ex eb IIC Gb; KEMA 01 ATEX 2186U.

Fiditas Ltd. Slavka Tomerlina 44, 10361 Zagreb-Sesvete, Croatia
Phone: +385 1 5578565; info@fiditas.com ; www.fiditas.com

[14] Confidential Report No. FIDI 23 CR 019

[14.1] Routine testing

No change to specified in the initial certificate.

[15] Specific Conditions of Use

Addditional to those specified the initial certificate:

- Manufacturer must obey relevant specific condition of use of Ex equipment and/or schedule of limitation of Ex components installed in/on the product and forward to the end user if relevant for the installation and use.

[16] Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

[17] Drawings and Documents

Title:	Drawing No.:	Rev. level:	Date:
Technical note	TN2111	1	20.01.2023
Instruction for use	TN2111 Annex A	1	20.01.2023
Apparatus list	TN2111 Annex B	1	20.01.2023

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Sub-section 2.6

CERTIFICATE OF CONFORMITY FOR JUNCTION BOXES

TECHNOR ITALSMEA
A COMPANY OF MARECHAL ELECTRIC

Certificate of conformity

Customer:	TOYO ENGINEERING CORPORATION
Purchase order No.:	BA132200-DXKP250
Type of Material:	Junction Box
Our ref.:	E2400083
Status of P.O.:	Complete ☒ Partial ☐ Date: 28/08/2024

Item/Line	Materials/Descriptions	Qty
10	2JBXXSSSA Junction Box AISI 316 SAFE AREA JUNCTION BOX SB-769520 - ENCLOSURE (EXT.DIM.760X950X200MM)	1
20	2JBXXGPEE Junction Box GRP EEX-E JUNCTION BOX AQ-252612P - ENCLOSURE (EXT.DIM.250X255X120)	92
30	2JBXXGPSA Junction Box GRP SAFE AREA JUNCTION BOX AQ-252612P - ENCLOSURE (EXT.DIM.250X255X120)	5
40	2JBXXGPSA Junction Box GRP SAFE AREA JUNCTION BOX SB-385716 - ENCLOSURE (EXT.DIM.380X570X160MM)	1
50	1EQP155 SOCKET MXBS - 252612P + DSN1 - ENCLOSURE (EEXT.DIM.250x260x12mm)	6
60	1EQP155 SOCKET MXBS - 414012P + DS9 - ENCLOSURE (EXT.DIM.410X400X120MM)	4

We, Technor Italsmea Spa, hereby certify that the material supplied by us is manufactured, tested and supplied in conformity with your esteemed Purchase Order above mentioned.

Yours faithfully,

Technor Italsmea S.p.A.
T.Cavallone
Quality Control

HEAD OFFICE
Via Italia, 33 20060 Gessate Milan Italy
Phone +39 - 02 – 9500151
Fax +39 - 02 - 95781462
customer@italsmea.com

Sub-section 2.7

INTERNAL INSPECTION REPORT FOR JUNCTION BOXES

Customer:	ROSETTI MARINO
Purchase order No.:	1724001481 123A90A
Type of Material:	Junction Box and Sockets
Our ref.:	I2400722
Specs. Dwgs.:	As per approval
Applicable rules:	2014/34/UE
Status of P.O.:	Complete ☒ Partial ☐ Date: 26/09/2024

Item/Line	Materials/Descriptions	Qty	Inspection Result	Remark
10	2JBXXSSSA Junction Box AISI 316 SAFE AREA JUNCTION BOX SB-769520 - ENCLOSURE	1	Satisfactory	
20	2JBXXGPEE Junction Box GRP EEX-E JUNCTION BOX AQ-252612P - ENCLOSURE	92	Satisfactory	
30	2JBXXGPSA Junction Box GRP SAFE AREA JUNCTION BOX AQ-252612P - ENCLOSURE	5	Satisfactory	
40	2JBXXGPSA Junction Box GRP SAFE AREA JUNCTION BOX SB-385716 - ENCLOSURE	1	Satisfactory	
50	1EQP155 SOCKET MXBS - 252612P + DSN1 - ENCLOSURE	6	Satisfactory	
60	1EQP155 SOCKET MXBS - 414012P + DS9 - ENCLOSURE	4	Satisfactory	

CHECK AND TEST EXECUTED		Result	CHECK AND TEST EXECUTED		Result
Material Verification (As per Mod.3 UQA-PR-04)		Satisfactory	**Continuity check** (As per Mod.3 UQA-PR-04)		Satisfactory
Visual and dimensional check (As per Mod.3 UQA-PR-04)		Satisfactory	**Insulation test** (As per Mod.3 UQA-PR-04)	≥ 50 MΩ 500 VDC	Satisfactory
Working Control (As per Mod.3 UQA-PR-04)		Satisfactory	**Dielectric test** (As per Mod.3 UQA-PR-04)	1890 VAC x 5 sec.	Satisfactory
Hydrostatic test (During fabrication (As per UQA-IO-04)		NA	**Electric running test** (As per Mod.3 UQA-PR-04)		Satisfactory
Painting and other protection (As per PRD-IO-02)		NA	**Labels checking** (As per Mod.3 UQA-PR-04)		Satisfactory

Technor Italsmea S.p.A.
T.Cavallone
Quality Control

For Technor Italsmea: _____ **For Customer:** _____

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technor.com

MARECHAL ELECTRIC GROUP

Sub-section 2.8

INSPECTION RELEASE NOTE FOR JUNCTION BOXES

ROSETTI MARINO	**RELEASE NOTE**	**Nr.** RN-1481-ITA-01	Sheet **1** of **2**
		DATA *Date* 30/09/2024	**Rev**. 00

PROGETTO *Project*	**CLIENTE** *Client*	**COMMESSA** *Job*
HOLLANDSE KUST NOORD WIND PARK	CROSSWIND	***123A90***

FORNITORE *Vendor*	**NUMERO D' ORDINE** *Purchase Order No.*
Technor Italsmea	1724001481

Release Note	☐ FOR PAYMENT	☒ FOR SHIPMENT

RELEASE NOTE FOR PAYMENT

PO Art.	

RELEASE NOTE FOR SHIPMENT

POS. *Item*	**QTÀ** *Quantity*	**DESCRIZIONE** *Description*	**Nr. TAG** *TAG No.*	**TIPO DI ISPEZIONE** *Kind of Inspection*	**ESITO** *Result*
20	92	JUNCTION BOX AQ-252612P	ELEJB02	N/A	N/A
30	5	JUNCTION BOX AQ-252612P	ELEJB03	N/A	N/A
40	1	JUNCTION BOX SB-385716	ELEJB04	N/A	N/A
50	6	SOCKET MXBS - 252612P	ELEJB-SOCK01	N/A	N/A
60	4	SOCKET MXBS - 414012P	ELEJB-SOCK02	N/A	N/A

Warehouse open Monday to Friday from 08.00 to12.00 and from 13.00 to 17.00.
Contact Mr Rota +39 3451608099

DOCUMENTI APPLICABILI / *APPLICABLE DOCUMENTS*

POSIZIONE *Items*	**TIPO DI DOCUMENTO** *Type of Document*	**NUMERO DI DOCUMENTO** *Document Number*	**Rev.**	**COD. DI APPROV.** *Approval Code*
N/A	PO	1724001481	00	N/A
N/A	Packing List	I2400722 DDT2402009 - I0722	N/A	N/A

PUNCH LIST:

☐ **SI** / *YES* **VEDI PUNCH LIST ALLEGATA N°** / *REFER TO ATTACHED PUNCH LIST N°*
☒ **NO**/ *NO*

CONTROLLO VALIDITA' FIDEJUSSIONE / *PERFORMANCE or WARRANTY BOND expiration date check*

Estensione Fidejussione Richiesta / *Performance or Warranty Bond Extension of Validity required*

☐ **SI** / *YES* ☒ **NO**/ *NO*

Acceptance Method: Performance or Warranty Bond valid if actually delivery date it's not greater than two weeks from contractual delivery date.

INCARICATO *Person in charge* **ROSETTI MARINO** *Supply Management dept.*		**RAPPR. DEL CLIENTE** *Client Representative*	**FORNITORE** *Vendor*	**CONSTRUCTION MANAGER** *Only requested for Punch List to be closed at Yard*
Nome Cognome *Name Surname*	**Firma** *Signature*			
Leonardo PASQUALI		N/A	N/A	N/A

QUESTO DOCUMENTO NON SOLLEVA IL FORNITORE DALLA RESPONSABILITA' DI EVENTUALI DIFETTI E/O MALFUNZIONAMENTI RILEVATI DURANTE L'USO / *The present RELEASE NOTE does not relieve the Supplier of the responsibility of any possible defects and/or malfunctioning arising during the utilisation.*

ROSETTI MARINO	**RELEASE NOTE**	**Nr.** RN-1481-ITA-01	Sheet **2** of **2**
		DATA *Date* 30/09/2024	**Rev**. 00
PROGETTO *Project* **HOLLANDSE KUST NOORD WIND PARK**	**CLIENTE** *Client* CROSSWIND	**COMMESSA** *Job* ***123A90***	
FORNITORE *Vendor* Technor Italsmea	**NUMERO D' ORDINE** *Purchase Order No.* 1724001481		

RELEASE NOTE

RISULTATO *RESULT*	**FORNITURA** *SUPPLY*	**DISTRIBUZIONE A** *DISTRIBUTION TO:*	
☒POSITIVO / *POSITIVE*	☐COMPLETA / *COMPLETE*	☒Project Manager	☒Administration
☐ NEGATIVO / *NEGATIVE*	☒ PARZIALE / *PARTIAL*	☒ Project Quality Manager	☒ Project Eng-/Procurement Coord
☐PUNTI PENDENTI / *PUNCH-LIST*	☐ ULTIMA / *FINAL*	☐ Warehouse	☐ Supplier

NOTE / *NOTES*

Position no. 10 (JUNCTION BOX SB-769520 – TAG: ELEJB01) still to be shipped next week

INCARICATO *Person in charge* **ROSETTI MARINO** *Supply Management dept.*		**RAPPR. DEL CLIENTE** *Client Representative*	**FORNITORE** *Vendor*	**CONSTRUCTION MANAGER** *Only requested for Punch List to be closed at Yard*
Nome Cognome *Name Surname*	**Firma** *Signature*			
Leonardo PASQUALI		N/A	N/A	N/A

QUESTO DOCUMENTO NON SOLLEVA IL FORNITORE DALLA RESPONSABILITA' DI EVENTUALI DIFETTI E/O MALFUNZIONAMENTI RILEVATI DURANTE L'USO / *The present RELEASE NOTE does not relieve the Supplier of the responsibility of any possible defects and/or malfunctioning arising during the utilisation.*

ROSETTI MARINO	RELEASE NOTE	Nr. RN-1481-ITA-02	Sheet **1** of **2**
		DATA *Date* 17/10/2024	**Rev**. 00

PROGETTO *Project*	**CLIENTE** *Client*	
HOLLANDSE KUST NOORD WIND PARK	CROSSWIND	**COMMESSA** *Job* ***123A90***
FORNITORE *Vendor* Technor Italsmea	**NUMERO D' ORDINE** *Purchase Order No.* 1724001481	

Release Note	☐ FOR PAYMENT	☒ FOR SHIPMENT

RELEASE NOTE FOR PAYMENT

PO Art.	

RELEASE NOTE FOR SHIPMENT

POS. *Item*	**QTÀ** *Quantity*	**DESCRIZIONE** *Description*	**Nr. TAG** *TAG No.*	**TIPO DI ISPEZIONE** *Kind of Inspection*	**ESITO** *Result*
10	1	JUNCTION BOX SB-769520	ELEJB01	N/A	N/A

Warehouse open Monday to Friday from 08.00 to12.00 and from 13.00 to 17.00.
Contact Mr Rota +39 3451608099

DOCUMENTI APPLICABILI / *APPLICABLE DOCUMENTS*

POSIZIONE *Items*	**TIPO DI DOCUMENTO** *Type of Document*	**NUMERO DI DOCUMENTO** *Document Number*	**Rev.**	**COD. DI APPROV.** *Approval Code*
N/A	PO	1724001481	00	N/A
N/A	Packing List	I2400722.1	N/A	N/A

PUNCH LIST:

☐ **SI** / *YES* **VEDI PUNCH LIST ALLEGATA N°** / *REFER TO ATTACHED PUNCH LIST N°*
☒ **NO**/ *NO*

CONTROLLO VALIDITA' FIDEJUSSIONE / *PERFORMANCE or WARRANTY BOND expiration date check*

Estensione Fidejussione Richiesta / *Performance or Warranty Bond Extension of Validity required*

☐ **SI** / *YES* ☒ **NO**/ *NO*

Acceptance Method: Performance or Warranty Bond valid if actually delivery date it's not greater than two weeks from contractual delivery date.

INCARICATO *Person in charge* **ROSETTI MARINO** *Supply Management dept.*		**RAPPR. DEL CLIENTE** *Client Representative*	**FORNITORE** *Vendor*	**CONSTRUCTION MANAGER** *Only requested for Punch List to be closed at Yard*
Nome Cognome *Name Surname*	**Firma** *Signature*			
Leonardo PASQUALI		N/A	N/A	N/A

QUESTO DOCUMENTO NON SOLLEVA IL FORNITORE DALLA RESPONSABILITA' DI EVENTUALI DIFETTI E/O MALFUNZIONAMENTI RILEVATI DURANTE L'USO / *The present RELEASE NOTE does not relieve the Supplier of the responsibility of any possible defects and/or malfunctioning arising during the utilisation.*
MOD-PRO-18-Rev. 2016-02 Release Note Report

ROSETTI MARINO	**RELEASE NOTE**	**Nr.** RN-1481-ITA-02	Sheet **2** of **2**
		DATA *Date* 17/10/2024	**Rev**. 00
PROGETTO *Project* **HOLLANDSE KUST NOORD WIND PARK**	**CLIENTE** *Client* CROSSWIND	**COMMESSA** *Job* ***123A90***	
FORNITORE *Vendor* Technor Italsmea	**NUMERO D' ORDINE** *Purchase Order No.* 1724001481		

RELEASE NOTE

RISULTATO *RESULT*	**FORNITURA** *SUPPLY*	**DISTRIBUZIONE A** *DISTRIBUTION TO:*	
☒POSITIVO / *POSITIVE*	☒COMPLETA / *COMPLETE*	☒Project Manager	☒Administration
☐ NEGATIVO / *NEGATIVE*	☐ PARZIALE / *PARTIAL*	☒ Project Quality Manager	☒ Project Eng-/Procurement Coord
☐PUNTI PENDENTI / *PUNCH-LIST*	☐ ULTIMA / *FINAL*	☐ Warehouse	☐ Supplier

NOTE / *NOTES*

None.

INCARICATO *Person in charge* **ROSETTI MARINO** *Supply Management dept.*		**RAPPR. DEL CLIENTE** *Client Representative*	**FORNITORE** *Vendor*	**CONSTRUCTION MANAGER** *Only requested for Punch List to be closed at Yard*
Nome Cognome *Name Surname*	**Firma** *Signature*			
Leonardo PASQUALI		N/A	N/A	N/A

QUESTO DOCUMENTO NON SOLLEVA IL FORNITORE DALLA RESPONSABILITA' DI EVENTUALI DIFETTI E/O MALFUNZIONAMENTI RILEVATI DURANTE L'USO / *The present RELEASE NOTE does not relieve the Supplier of the responsibility of any possible defects and/or malfunctioning arising during the utilisation.*

MOD-PRO-18-Rev. 2016-02 Release Note Report