Base Load Power Hub (BLPH)

GENERAL ARRANGEMENT AND DIMENSIONAL DRAWINGS - HV CABLE, T-CONNECTORS, CABLE CLEATS AND ACCESSORIES

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Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

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

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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.

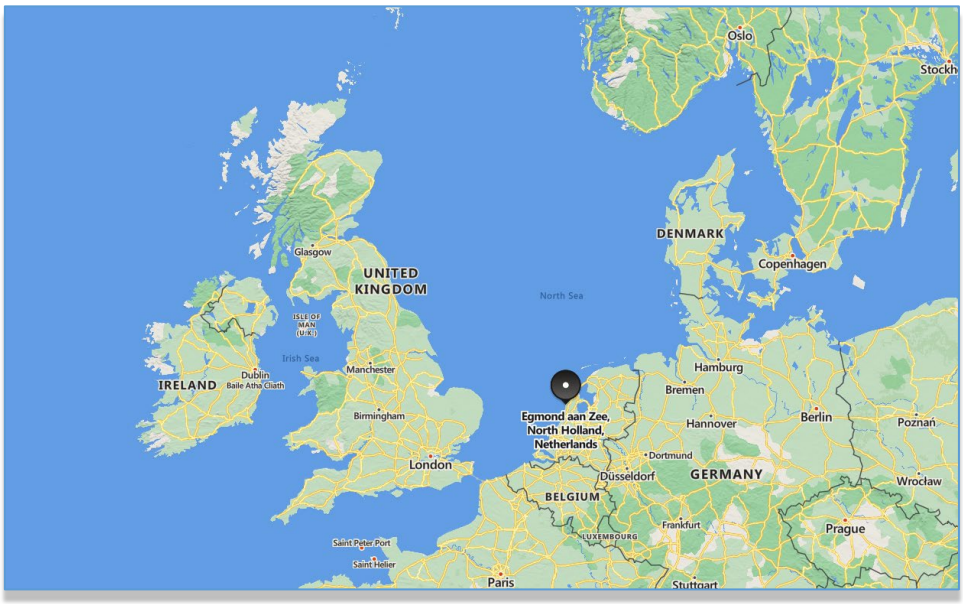


Figure 1 HOLLANDSE KUST NOORD WIND PARK Location Map

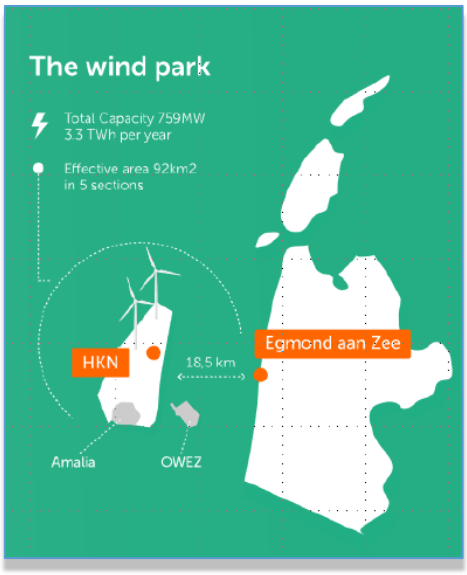


Figure 2 - Wind Park Details

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.

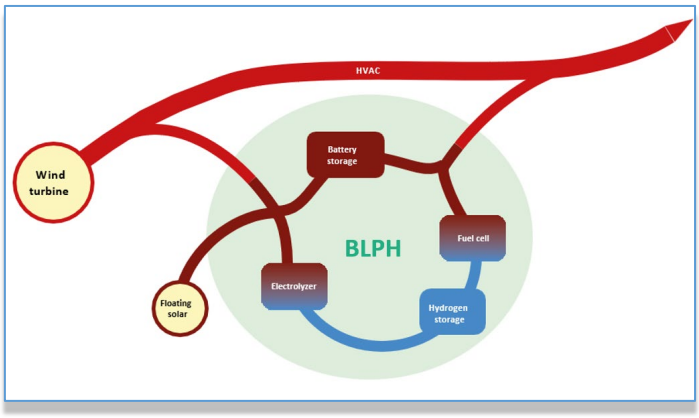


Figure 3 – BLPH Concept

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.

2 DOCUMENT SCOPE

Providing the general arrangement and dimensional drawings for the items as shown in table below and are going to be installed for the HOLLANDSE KUST NOORD WIND PARK Project. The document also references to applied standards and (Employer) requirements.

Item	Description
1.	RSTF-72B 95-1200SQMM
2.	RSTF-72C_95-1200SQMM
3.	RSTF-72SC - Surge Arrester – Coupling
4.	RSTF Fixing Frame
5.	HV Cable
6.	KOZ CABLE CLAMP STC 36-52 DATA SHEET (SINGLE)
7.	KOZ CABLE CLAMP TRI ECT 47-66 DATA SHEET (TREFOIL)
8.	Cable Connectors BLMT-16/95-RS-13 & BLMT-16/95-RS-17
9.	Cable Connectors BLMC-150/400-16-1800A

-Table 2-1: HV Cables, T-Connectors, Cleats and Accessories

2.1 REFERENCES

Doc. No.	Description
1724002000-EL-DS-00003	DATA SHEETS - HV CABLE
1724002000-EL-DS-00004	DATA SHEETS - T-CONNECTORS
1724002000-EL-DS-00005	DATA SHEETS - CABLE CLEATS AND ACCESSORIES

Table 2-2 - Reference Documents

2.2 DEFINITIONS AND ABBREVIATIONS

COMPANY or Client (CPY):	Crosswind
CONTRACTOR (CTR):	ROSETTI MARINO S.p.A.
PROJECT:	HOLLANDSE KUST NOORD WIND PARK Project

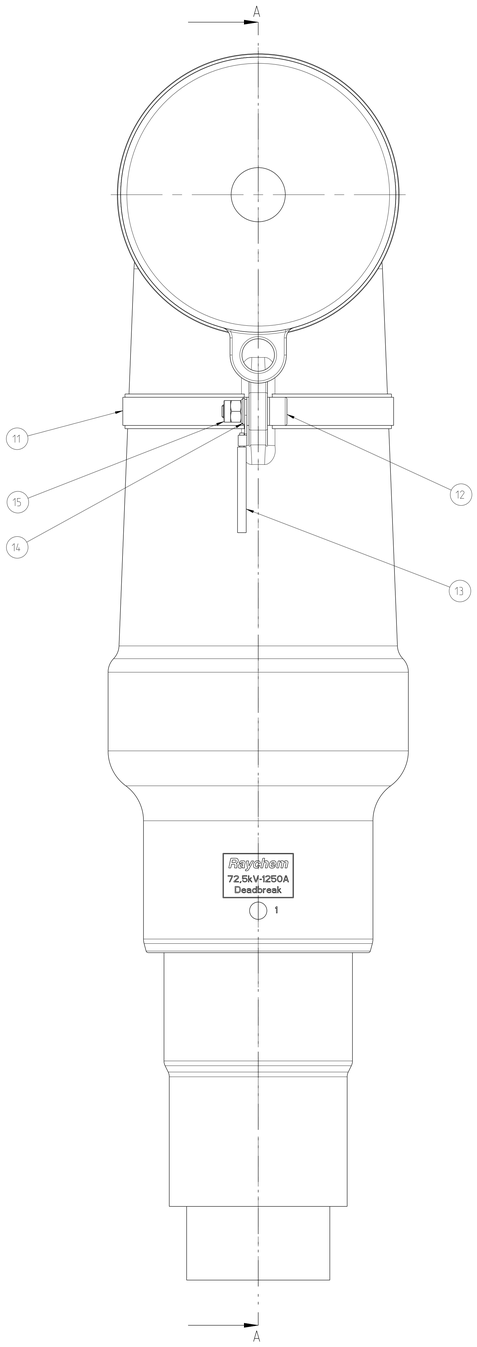
Table 2-3 - Definitions and Abbreviations

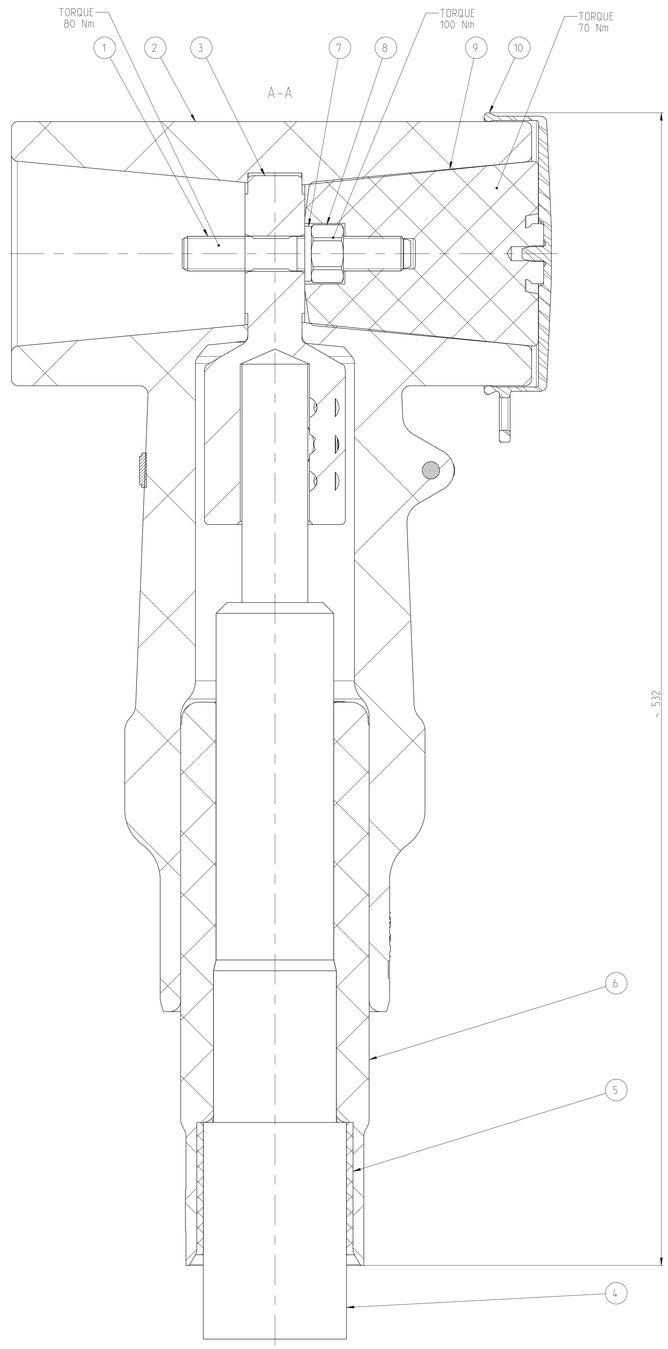
3 GENERAL ARRANGEMENT

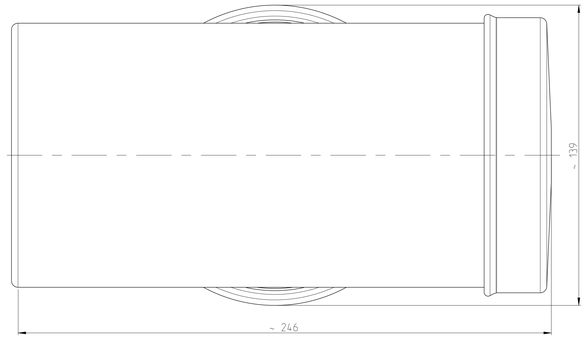
3.1 RSTF-72B 95-1200SQMM DRAWING

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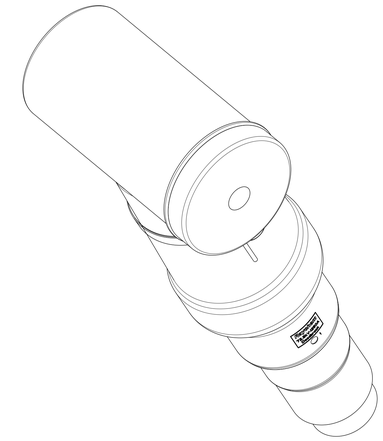
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P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	INTIAL RELEASE	25JUN2024	MI	SA







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1:2

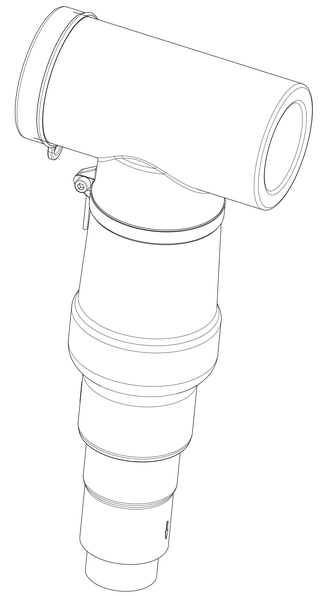


TABLE 01	
CABLE LUG	LUG TYPE CODE
BLMC-95/240-16-1800A	A
BLMC-70-150 FLEX-16-1800A	B
BLMC-150/400-16-1800A	C
BLMC-500/360-16-1800A	D
BLMC-800/1000-16-1800A	E
BLMC-1200-16-1800A	F
SPECIAL CASE	G

TABLE 02	
Ø CORE INSULATION	STRESS CONE Ø CODE
28.6-35.0MM (HVSCA 26)	26
33.0-39.5MM (HVSCA 30)	30
37.4-45.0MM (HVSCA 34)	34
42.9-51.5MM (HVSCA 39)	39
49.5-58.5MM (HVSCA 45)	45
56.1-70.0MM (HVSCA 51)	51

ITEM	QTY	DESCRIPTION
1	1	THREADED PIN M16
2	1	ASSEMBLY MAIN BODY
3	1	CABLE LUG (TABLE 01)
4	1	CABLE 95-1200SQMM
5	1	MASTIC
6	1	STRESS CONE (TABLE 02)
7	1	WEDGE LOCK WASHER M16
8	1	HEXAGON NUT ISO 4032 M16 A4-70
9	1	BACK PLUG 72KV
10	1	CONDUCTIVE CAP
11	1	EARTHING CLAMP
12	1	CLAMPING SCREW 8 / M6
13	1	GROUND LEAD TINNED
14	1	Washer ISO 7090 - 6 - A4
15	1	SELF-LOCKING HEXAGON-HEAD NUT ISO 7040 - M6 - A4

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2 PLC ±.
3 PLC ±.
ANGLES ±

MATERIAL: -
FINISH: -

DWN	INDRAJITH	25JUN2024
CHK	SABER	25JUN2024
APVD	ANDREAS	25JUN2024
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity

NAME: RSTF-72B 95-1200SQMM -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 | REV 1

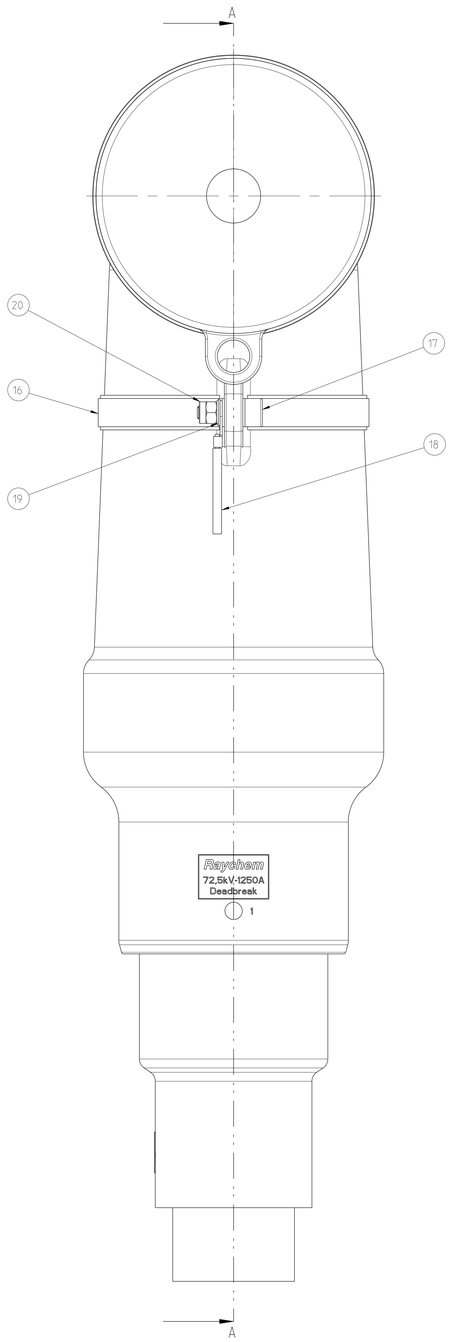
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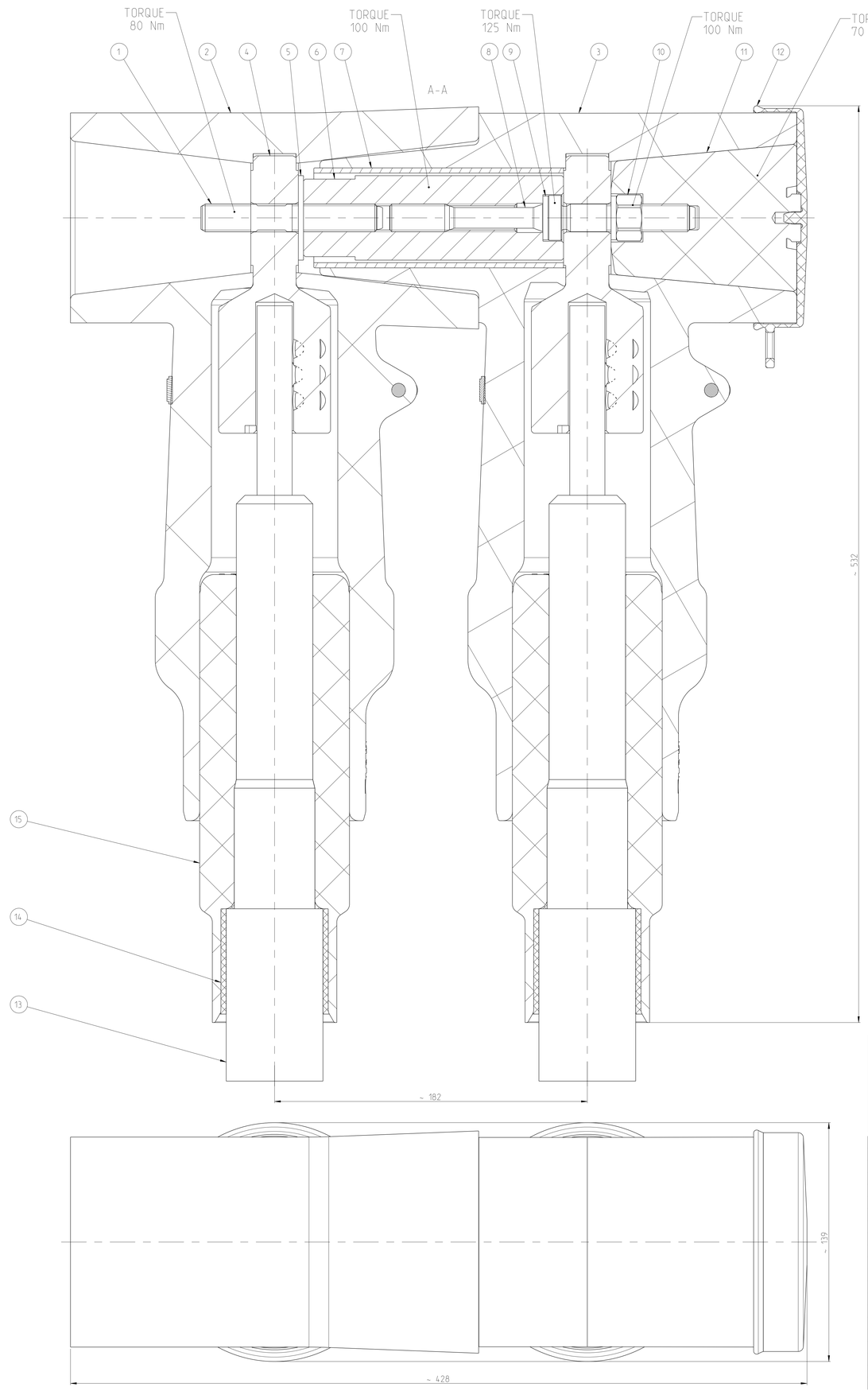
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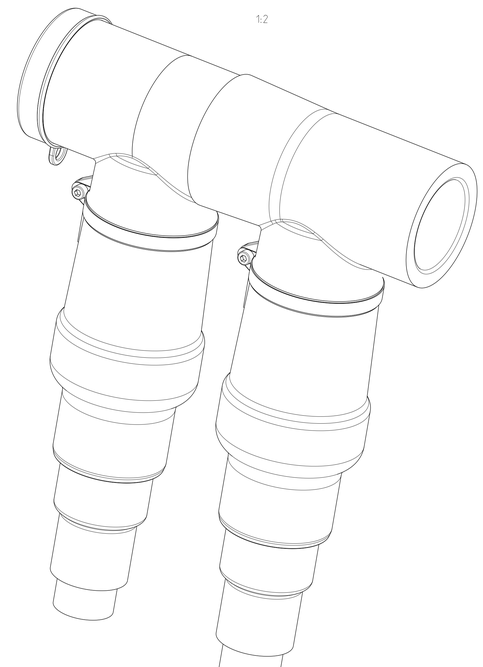
3.2 RSTF-72C_95-1200SQMM DRAWING

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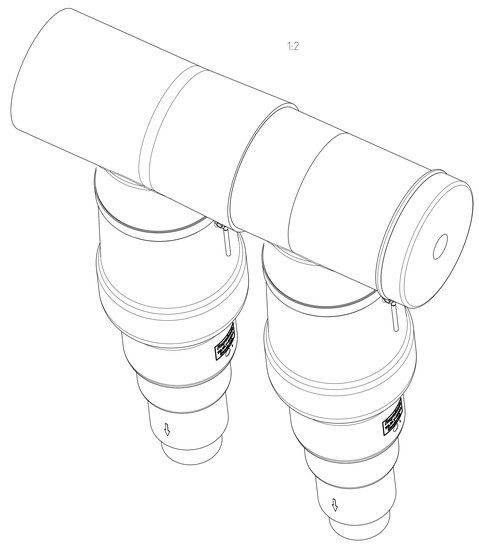


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BLMC-800/1000-16-1800A	E
BLMC-1200-16-1800A	F
SPECIAL CASE	G

TABLE 02	
Ø CORE INSULATION	STRESS CONE Ø CODE
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49.5-58.5MM (HVSCA 45)	45
56.1-70.0MM (HVSCA 51)	51

ITEM	QTY	DESCRIPTION
1	1	THREADED PIN M16
2	1	ASSEMBLY MAIN BODY
3	1	ASSEMBLY COUPLING CONNECTOR
4	2	CABLE LUG (TABLE 01)
5	1	COUPLING WASHER
6	1	COUPLING ROD
7	1	METAL TUBE
8	1	CLAMPING BOLT M16
9	2	WEDGE LOCK WASHER M16
10	1	HEXAGON NUT ISO 4032 M16 A4-70
11	1	BACK PLUG 72KV
12	1	CONDUCTIVE CAP
13	2	CABLE 95-1200SQMM
14	2	MASTIC
15	2	STRESS CONE (TABLE 02)
16	2	EARTHING CLAMP
17	2	CLAMPING SCREW 8 / M6
18	2	GROUND LEAD TINNED
19	2	Washer ISO 7090 - 6 - A4
20	2	SELF-LOCKING HEXAGON-HEAD NUT ISO 7040 - M6 - A4

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DWN: VINDRAJITH 25JUN2024
CHK: SABER 25JUN2024
APVD: ANDREAS 25JUN2024
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

NAME: RSTF-72C 95-1200SQMM –

SIZE A0 | CAGE CODE 00779 | DRAWING NO EPD-204-2640-00 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 | REV 1

ORGINAL DRAWING NUMBER IS 2377484

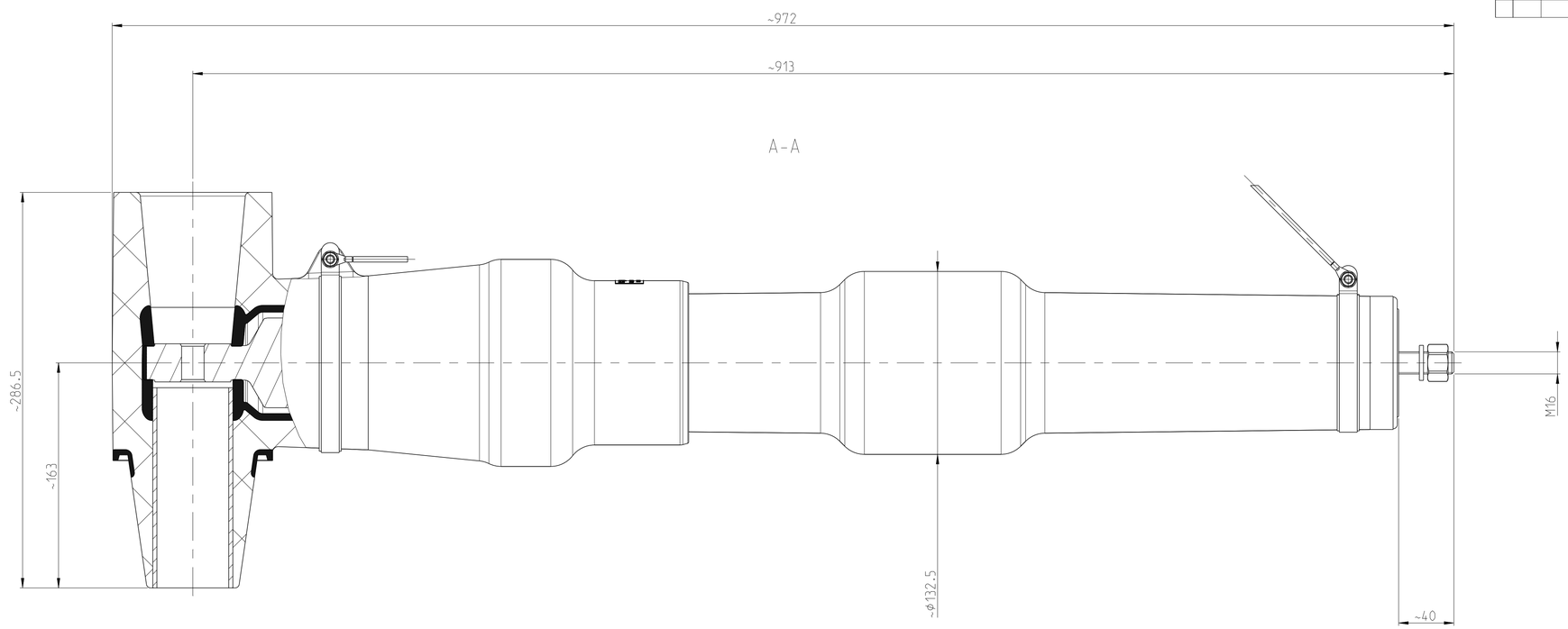
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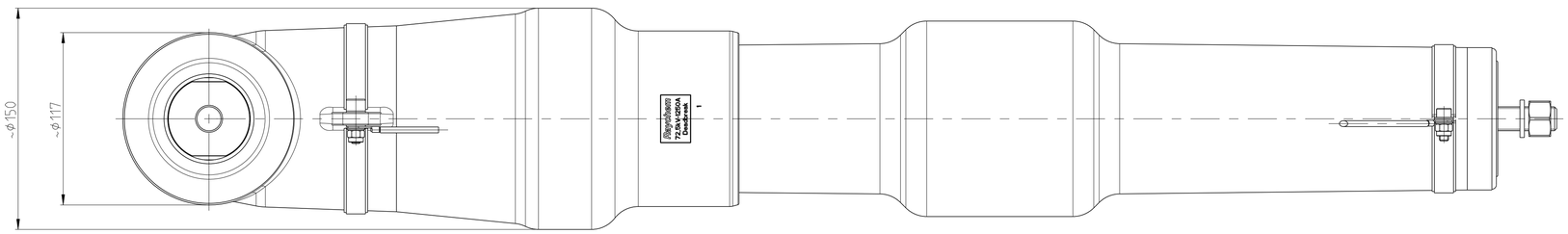
3.3 RSTF-72SC - SURGE ARRESTER – COUPLING DRAWING

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3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL -
FINISH -

DWN B. Joel 22JUL2021
CHK T. Friedrich 23JUL2021
APVD A. Eigner 23JUL2021
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME RSTF-72CC-SA-EL
RSTF

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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CUSTOMER DRAWING | SCALE 1:2 | SHEET 1 OF 1 | REV A

3.4 RSTF FIXING FRAME DRAWING

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RSTF FIXING FRAME (RSTF-F)

STRUCTURE FOR FIXING RSTF CONNECTIONS

KEY FEATURES

- Compatible with RSTF 72,5 kV
- Allows safe fixing of inline connections
- Stepless adjustable fixation
- 13 mm holes available for fixing to rail or structure
- Made in stainless steel, for Offshore application
- Wide range of cable clamps
- Allows quick and easy installation

TE Connectivity's (TE) Raychem RSTF Fixing Frame is designed for fixing a single phase assembly of RSTF (Raychem Screened T-Connectors 72,5kV for Interface F) Base Connector and Coupling connector in multiple angles, providing mechanical stability.

The materials are specially selected for offshore applications. Whether it´s in a straight position, 90° or intermediate angles, the frame can be repositioned according to the application with a stepless adjustable fixation. Embedded wide range cable clamps allows different cable diameters to be connected. Several fixing holes, 13 mm diameter are available for fixing the frame to a rail or structure and be used for grounding.

Designed in order to be used with all common cable constructions: copper wires and metallic laminate, smooth welded aluminium sheath, and others.

The structure is composed by 2 arms articulated in the center, cable clamps in both ends and dead plug bushing. It can be used for emergency and failure fixing. This frame provides grounding points for the whole arrangement.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

RSTF Fixing Frame (RSTF-F)



MECHANICAL DATA	
Frame weight	Approx. 17 kg
Material	EN 1.4404 / AISI 316L
Total length	1800 mm
Length lower leg	950 mm
Length upper leg	850 mm
Distance between center of bushing and cable clamp	760 mm
Fixing holes	13 mm
Width	142 mm
Thickness of plates	3 mm
Connection angle	90° up to 180°

CABLE OUTER DIAMETER RANGE	REFERENCE FOR ORDERING	PART NUMBER
26 - 38 mm	RSTF-F-Size1	ER2203-000
38 - 50 mm	RSTF-F-Size2	ER2204-000
50 - 75 mm	RSTF-F-Size3	ER2205-000

Kit contains: Metal parts, cable clamps and Dead Plug.
T connectors are not included.



Learn more: TE.com/energy

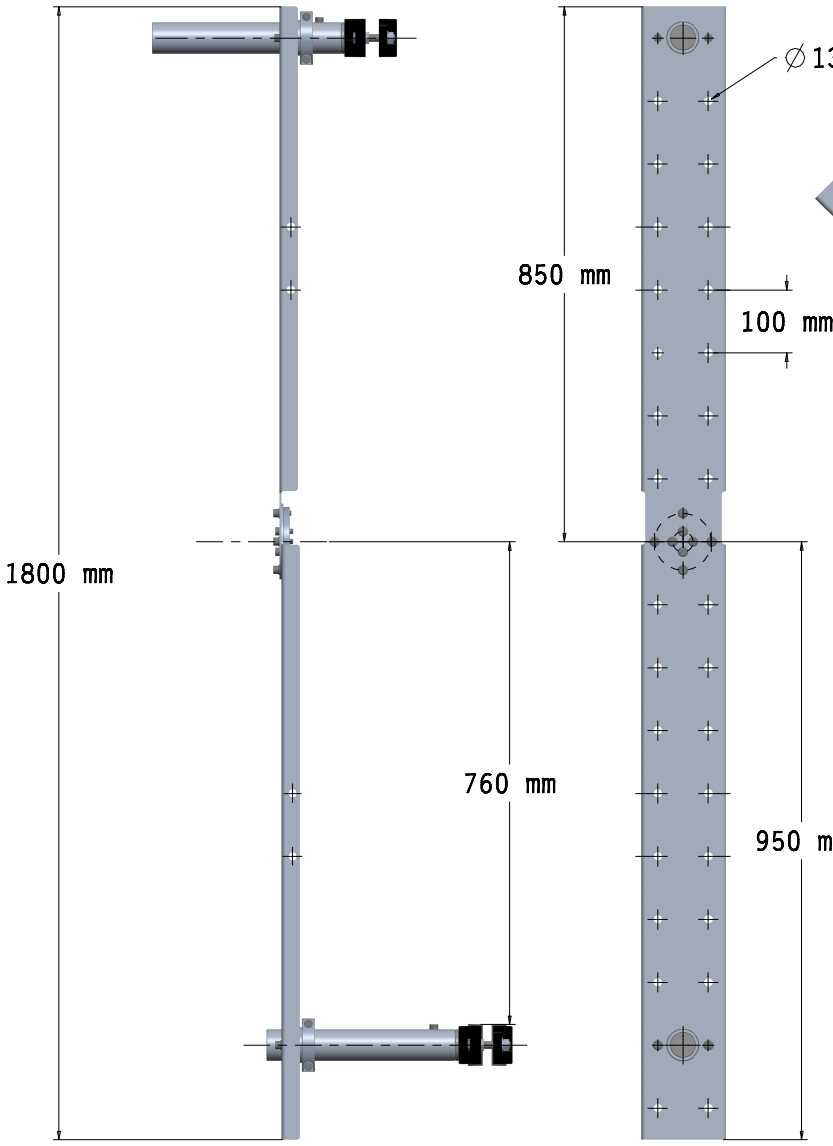
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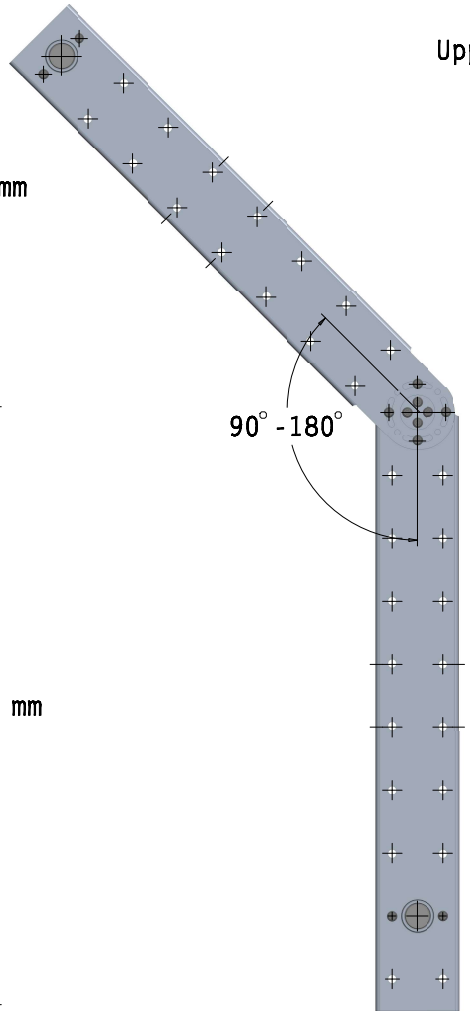
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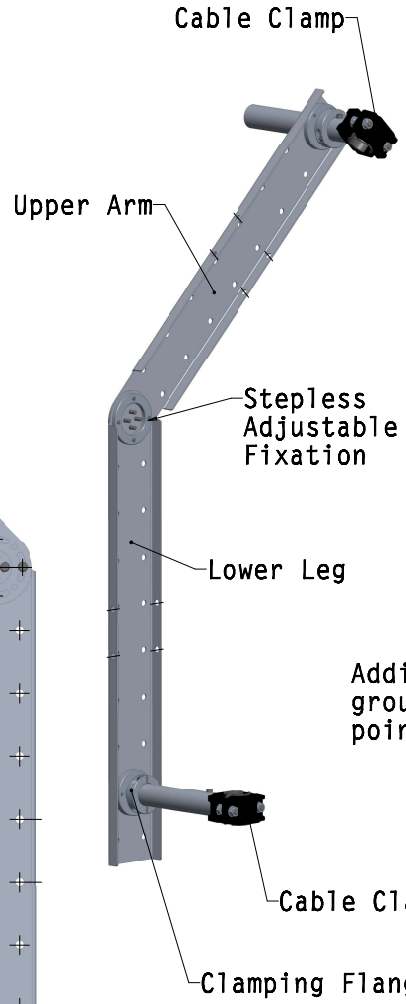
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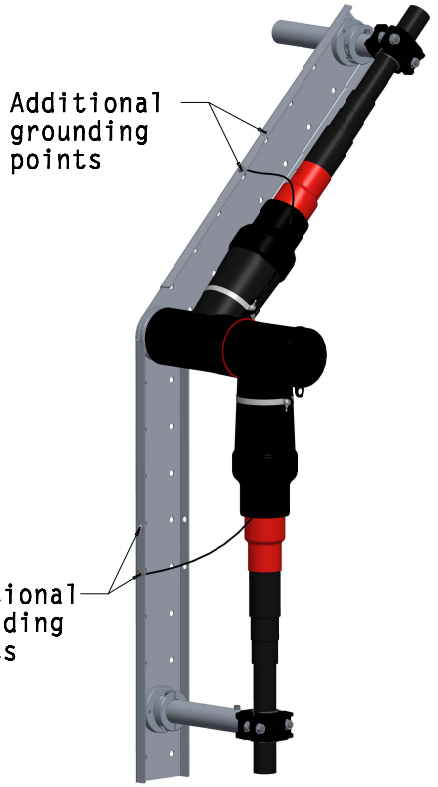
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CABLE OUTER DIAMETER RANGE	REFERENCE FOR ORDERING
26-38 mm	RSTF-F-Size1
38-50 mm	RSTF-F-Size2
50-75 mm	RSTF-F-Size3

RSTF FIXING FRAME STRUCTURE FOR FIXING RSTF CONNECTIONS

RSTF-F
OFFER DRAWING

TE connectivity

Raychem High Voltage Cable Accessories

TE Connectivity drawing no: EPD-204-2338-00

REV. 1

3.5 HV CABLE DRAWING

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Power cable >= 1 kV, for permanent installation

Cu/XLPE/CWS/LAT/LSZH 36/66 kV

Article number: 58239 03-07-2024

Description

1 x 240 / 50



* This image may differ from the actual product.

Trading information

Product group	Power cable >= 1 kV, for permanent installation
Type	Cu/XLPE/CWS/LAT/LSZH 36/66 kV
Net. Weight	4.11 kg/m
Sheath marking	{Length} TKF - Cu/XLPE/CWS/LAT/LSZH 36/66 kV 1 x 240/50 IEC 60840 - {Year} {Batch}

Trade lengths

	Minimal order
(58239 / 8713182481131)	1 MTR

Construction characteristics

Standardization	IEC 60840
Number of cores	1
Nominal cross section conductor	240 mm²
Conductor material	Copper
Conductor surface	Bare

Subject to technical modifications | No rights can be derived from this information

Power cable >= 1 kV, for permanent installation

Cu/XLPE/CWS/LAT/LSZH 36/66 kV

Article number: 58239 03-07-2024

Construction characteristics

Standardization conductor material	IEC 60228
Shape of conductor	Round
Conductor category	Class 2c = stranded & compacted
Conductor shield	Semiconductive Compound
Material core insulation	XLPE++
Insulation shield	Semiconductive compound with semiconductive swellable tape
Earthscreen construction	Copper round wire + copper tape counter spiral
Nominal earthscreen cross section	50 mm²
Material outer sheath	LSZH
Colour outer sheath	Black
Diameter conductor	18.6 mm
Insulation thickness	9.5 mm
Diameter over insulation	39.2 mm
Aluminium sheath thickness	0.2 mm
Diameter shield wires	1.15 mm
Diameter over shield	41.7 mm
Outer sheath thickness	2.5 mm
Outer diameter approx.	48.1 mm

Subject to technical modifications | No rights can be derived from this information

Power cable >= 1 kV, for permanent installation

Cu/XLPE/CWS/LAT/LSZH 36/66 kV

Article number: 58239 03-07-2024

Properties

Flame retardant	IEC 60332-3-24 Cat. C
Halogen free	IEC 60754-1 / IEC 60754-2
Low smoke	IEC 61034-1 & IEC 61034-2
Longitudinal water blocking	Yes
Radial water blocking	Yes
Radial watertight construction	Al/PE
UV resistant	Yes
UV protection	NEN EN 50289-4-17A

Technical characteristics

Min. bending radius during installation	870 mm
Min. bending radius after installation	755 mm
Tensile force with pullinghead	12,000 N
Tensile force with pullingsleeve	4,620 N
Max. conductor temperature	90 °C
Max. operating temperature	70 °C
Minimum installation temperature	-10 °C

Electrical characteristics

Nominal voltage U0	36 kV
Nominal voltage U	60 kV
Nominal voltage Umax	72.5 kV
Conductor DC resistance @ 20°C	0.0754 Ohm/km
Conductor AC resistance @ max. cont. Conductor temp.	0.0973 Ohm/km
Shield DC resistance	0.387 Ohm/km

Subject to technical modifications | No rights can be derived from this information

Power cable >= 1 kV, for permanent installation

Cu/XLPE/CWS/LAT/LSZH 36/66 kV

Article number: 58239 03-07-2024

Electrical characteristics

Mutual capacitance (Nominal)	0.21 µF/km
Max. thermal short-circuit current conductor 0,5 sec	48.5 kA
Max. thermal short-circuit current conductor 1 sec	34.3 kA
Max. short-circuit temperature conductor	250 °C
Max. thermal short-circuit current shield 0,5 sec	10.51 kA
Max. thermal short-circuit current shield 1 sec	7.43 kA
Max. short-circuit temperature shield	250 °C
E-Max fieldstrength	5.38 kV/mm
E-Min fieldstrength	2.77 kV/mm
Charging current per core	2.373 A/km
Frequency	50 Hz
Operating reactance trefoil arrangement	0.12 Ohm/km
Operating reactance flat arrangement	0.18 Ohm/km
*) Theoretical calculated values	Depends on application
Maximum current buried trefoil arrangement	455 A
Maximum current buried flat arrangement	455 A
Maximum current in air trefoil arrangement	630 A
Maximum current in air flat arrangement	730 A
Homopolar resistance Ro (trefoil) *)	2.1899 Ohm/km
Homopolar resistance Ro (flat) *)	2.1894 Ohm/km
Homopolar reactance Xo (trefoil) *)	0.3877 Ohm/km
Homopolar reactance Xo (flat) *)	0.6233 Ohm/km
Homopolar impedance Zo (trefoil) *)	2.2239 Ohm/km
Homopolar impedance Zo (flat) *)	2.2764 Ohm/km

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3.6 KOZ CABLE CLAMP STC 36-52 DATA SHEET (SINGLE) DRAWING

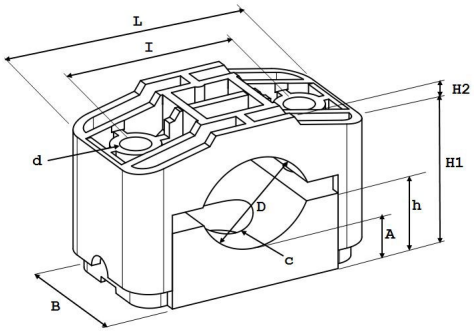
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SPECIFICATION KOZ CABLE CLAMP STC 36-52

Application:	Suitable for mounting single- and multiple-conductor low- medium- and high voltage cables.
Range:	For cables with a nominal outer diameter of 36 up to 52 mm.
Material:	Black polyamide (PA66), fibreglass-reinforced, virgin material.
Fire resistance:	UL94 V-0 and classification standard EN 45545-2: 2020 – Railway applications. Requirement set R22,R23 / Hazard level HL1,HL2.
Standards:	Certified in accordance with the international standard NEN-EN-IEC 61914:2021.
Temperature:	Permanent application from -80˚C to +120˚C. Short-term heating of up to +220˚C.
Advantages:	Resistant to oils, greases, frost, heat, UV, ozone, salt water, salts, acids and aggressive chemicals. Non-oxidizing, non-corrosive, non-magnetic and non-conductive. Halogen-free and no sharp edges. Lifetime warranty, easy assembly and available worldwide.
Extra possibilities:	The central fastening hole in the bottom part of this STC clamp enables more installation possibilities for e.g. masts, poles, concrete or fitting rails.







Initial torque for fastening fixing material : 5 – 8 Nm.
(depends on cable manufacturer's prescription).

Tests have been performed by KEMA, SGS, KU Leuven, UL and Schneider.

The product listed in this datasheet is produced in conformity with the latest EU Directive 2011/65 / EU (RoHS), and complies with all legal obligations in accordance with REACH.

DIMENSIONS IN MILIMETERS

Type	DØ	L	B	I	dØ	H1	H2	h	A	C	Kracht (N)
KOZ STC 36-52	36-52	107	60	75	12,5	57-72	12	33	18	12,5	45.300

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3.7 KOZ CABLE CLAMP TRI ECT 47-66 DATA SHEET (TREFOIL) DRAWING

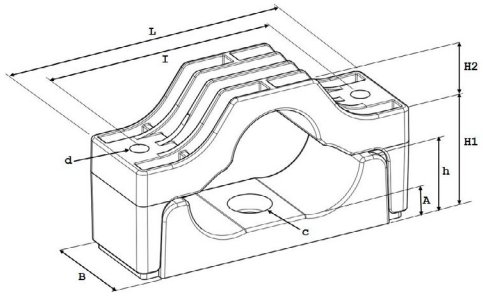
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SPECIFICATION KOZ CABLE CLAMP TRI ECO 47-66

Application:	Suitable for mounting 3 single- and multiple-conductor low- medium- and high voltage cables.
Range:	For cables with a nominal outer diameter of 47 up to 66 mm.
Material:	Black polyamide (PA66), fibreglass-reinforced, virgin material.
Fire resistance:	UL94 V-0 and classification standard EN 45545-2: 2020 – Railway applications. Requirement set R22,R23 / Hazard level HL1,HL2.
Standards:	Certified in accordance with the international standard NEN-EN-IEC 61914:2021.
Temperature:	Permanent application from -80˚C to +120˚C. Short-term heating of up to +220˚C.
Advantages:	Resistant to oils, greases, frost, heat, UV, ozone, salt water, salts, acids and aggressive chemicals. Non-oxidizing, non-corrosive, non-magnetic and non-conductive. Halogen-free and no sharp edges. Lifetime warranty, easy assembly and available worldwide.
Extra possibilities:	The central fastening hole in the bottom part of this TRI eco clamp enables more installation possibilities for e.g. masts, poles, concrete or fitting rails.







Initial torque for fastening fixing material : 5 – 8 Nm.
(depends on cable manufacturer's prescription).

Tests have been performed by KEMA, SGS, KU Leuven, UL and Schneider.

The product listed in this datasheet is produced in conformity with the latest EU Directive 2011/65 / EU (RoHS), and complies with all legal obligations in accordance with REACH.

DIMENSIONS IN MILIMETERS

Type	DØ	L	B	I	dØ	H1	H2	h	A	C	Strength (N)
KOZ TRI eco 47-66	3x47-66	205	70	170	13	80-120	38	51	19	13	22.300

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3.8 CABLE CONNECTORS BLMT-16/95-RS-13 & BLMT-16/95-RS-17 DRAWING (RSTF-72 SC SURGE ARRESTOR)

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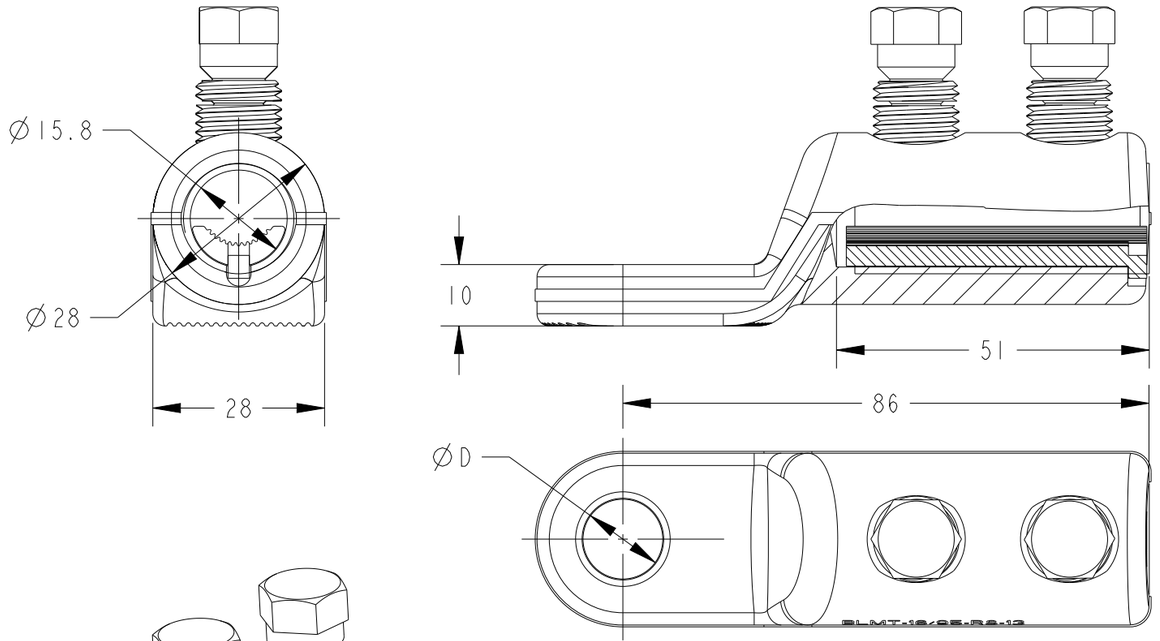
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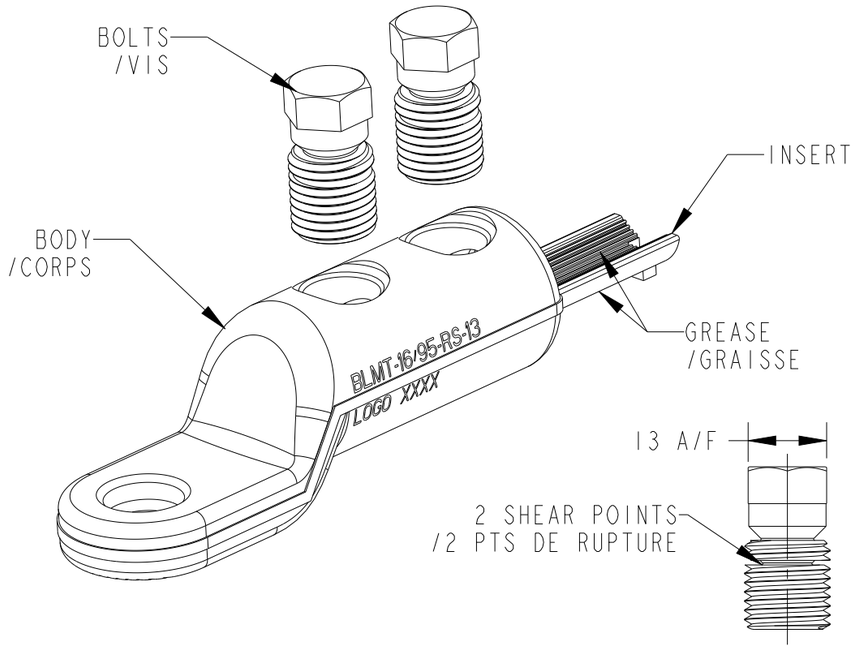
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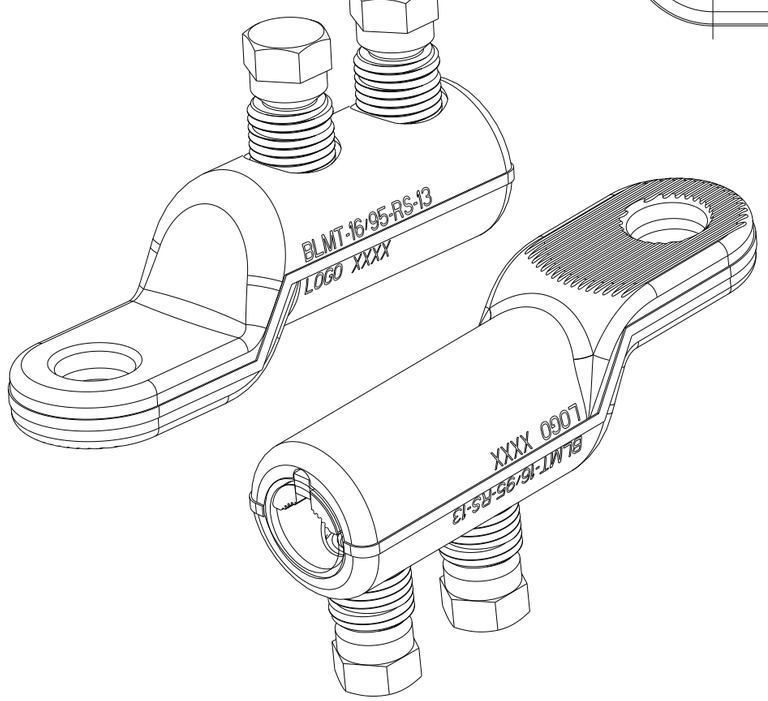
BLMT-16/95-RS-17	2002443-2	17
BLMT-16/95-RS-13	2002443-1	13
DESCRIPTION	PART NUMBER	ØD

REVISIONS

P	LTR REV	DESCRIPTION MODIFICATIONS	DATE	DWN DESS.	APVD APP.
	A	CREATION	02MAR2007	RB	NA
	B	UPDATE NUMBER OF BOLTS	26NOV2007	BM	NA
	D	ECR-18-009281	15JUN2018	JB	NA
	E	REDUCE HEX HEAD DOWN TO 13	28JUN2024	BM	NA







	AL				CU	
	ROUND STRANDED /Rond câblé /RM	ROUND SOLID /Rond solide /RE	SECTOR STRANDED /Sectoral câblé /SM	SECTOR SOLID /Sectoral câblé /SE	ROUND STRANDED /Rond câblé /RM	SECTOR STRANDED /Sectoral câblé /SM
CONDUCTOR CROSS-SECTION /Section conducteur /Querschnittsbereich mm^2	25-95	-	25-95	-	16-95	16-95
CONDUCTOR DIAMETER /Diamètre conducteur /Leiterdurchmesser mm	Ø5.6-Ø12.9	-	-	-	Ø4.6-Ø12.9	-

TOLERANCES UNLESS OTHERWISE SPECIFIED -
TOLERANCES NON SPECIFIEES: -

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CONTACTER LE SERVICE TECHNIQUE DE TYCO ELECTRONICS SIMEL SAS,
21220 GEVREY-CHAMBERTIN, FRANCE.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
TOLERANCES NON SPECIFIEES (SUIV NB DE DECIMALES):
0 PLC/DEC: ±0
1 PLC/DEC: ±0
2 PLC/DEC: ±0
3 PLC/DEC: ±0
4 PLC/DEC: ±0
ANGLES ±-

MATERIAL / MATIERE: AL ALLOY -

FINISH / FINITION: TINNED -

DWN/DESSINE: R.BUTHIOT 02MAR2007
CHK/VERIFIE: B.MILLOT -
APVD/APPROUVE: N.ALMEIDA -
PRODUCT SPEC / SPEC. PRODUIT: -
APPLICATION SPEC / SPEC. APPLICATION: IEC 61238-1
WEIGHT / MASSE APPROX.: 121g

TE Connectivity

NAME / TITRE: BLMT-16/95-RS-13
BLMT-16/95-RS-17
-

SIZE FORMAT	CAGE CODE	DRAWING NO	RESTRICTED TO
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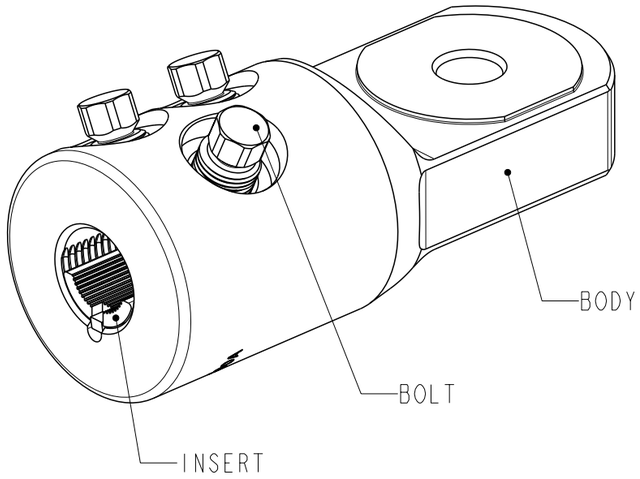
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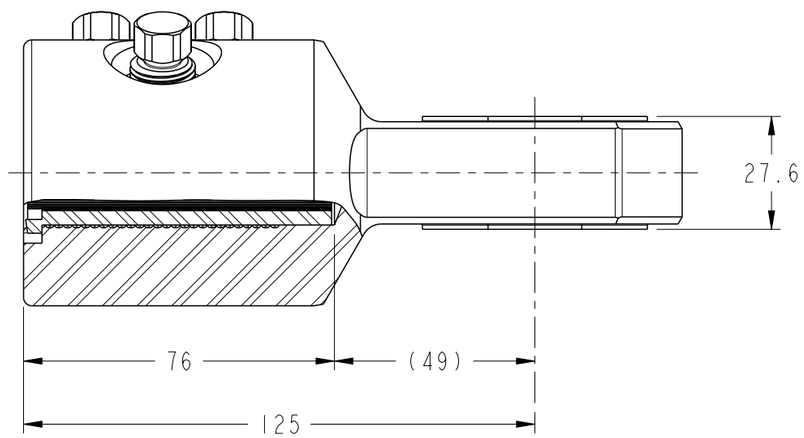
3.9 CABLE CONNECTORS BLMC-150/400-16-1800A DRAWING (RSTF-72B & RSTF 72C)

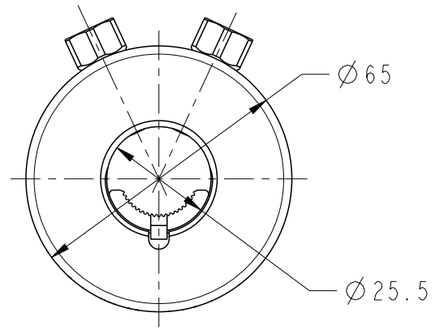
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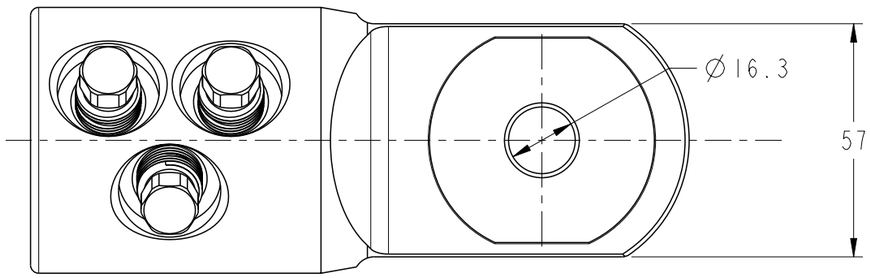
REVISIONS					
P	LTR REV	DESCRIPTION MODIFICATIONS	DATE	DWN DESS.	APVD APP.
	A	Creation	17APR2019	JD	NA

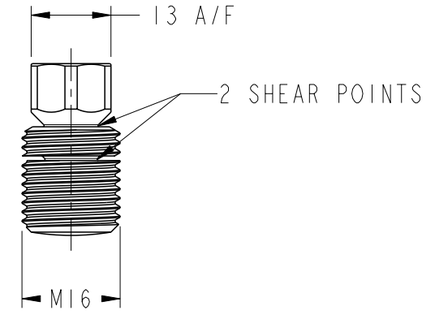






ECHELLE 1:1





	AL	CU	
	ROUND STRANDED /Circ. cablé /RM	ROUND STRANDED /Circ. cablé /RM	ROUND FLEXIBLE /Circ. flex /RF
CONDUCTOR CROSS-SECTION /Section conducteur /Querschnittsbereich mm²	150 - 400	150 - 400	240 - 300
CONDUCTOR DIAMETER /Diamètre conducteur /Leiterdurchmesser mm	Ø13.7 - Ø24.6	Ø13.7 - Ø24.6	Ø21-Ø24

BLMC-150/400-16-1800A	2832328
DESCRIPTION	PART NUMBER

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21220 GEVREY-CHAMBERTIN, FRANCE.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
TOLERANCES NON SPECIFIEES (SUIV NB DE DECIMALES):
0 PLC/DEC: ±0
1 PLC/DEC: ±0
2 PLC/DEC: ±0
3 PLC/DEC: ±0
4 PLC/DEC: ±0
ANGLES ±-

MATERIAL MATIERE: Al Alloy
-

FINISH FINITION: Tinned
-

DWN/DESSINE: 17APR2019 J. Dossmann
CHK/VERIFIE: 17APR2019 B. Peltier
APVD/APPROUVE: - N. Almeida
PRODUCT SPEC SPEC. PRODUIT: -
APPLICATION SPEC SPEC. APPLICATION: -
WEIGHT MASSE APPROX.: 920g

TOLERANCES UNLESS OTHERWISE SPECIFIED: -
TOLERANCES NON SPECIFIEES: -

TE Connectivity

NAME TITRE: BLMC-150/400-16-1800A
- -

SIZE FORMAT	CAGE CODE	DRAWING NO No PLAN	RESTRICTED TO RESERVE A
A3	-	C-2832328	-

CUSTOMER DRAWING /PLAN CLIENT — UNIQUEMENT POUR REFERENCE | SCALE ECHELLE 2:1 | SHEET FEUILLE 1 OF DE 1 | REV A

1470-19 (3/13)