Base Load Power Hub (BLPH)

TECHNICAL DATASHEET For Instrument Junction Boxes

Document Number: 123A90-DDL-IN-DS-40060

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03	06/09/2024	Accepted for Construction (AFC)	VBA	LCA	DLO
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00	19/12/2023	Issue for Review (IFR)	VBA	LCA	DLO
Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

Rev.	Description
00	ISSUE FOR REVIEW (IFR)
01	ISSUE FOR REVIEW (IFR) - Revised where indicated
02	ACCEPTED FOR CONSTRUCTION (AFC)
03	ACCEPTED FOR CONSTRUCTION (AFC)

HOLDS LIST

No.	Description
1.	
2.	
3.	
4.	

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GENERAL REQUIREMENTS / NOTES

1) This datasheet is to be read in conjunction with following documents:
   a) Instrumentation for Package Unit Specification (123A90-DDL-IN-SP-40094);

2) Ambient Temperature Min: -8.4 °C, Norm: 10.5 °C, Max: +25.0 °C.

3) Information with asterisk (*) shall be confirmed or provided by manufacturer according to the service condition.

4) Junction boxes shall be Stainless Steel 316, Exe Certified and weather proof IP 66 in accordance with IEC 60079.

5) All junction boxes and accessories shall be ATEX/IEC certified for Zone 2, Gas Group IIC (or IIB-H2), Temperature Class T1 minimum.

6) Junction boxes shall be supplied with all accessories including mounting rails, terminals, shield bars, earth stud, etc.

7) All terminals shall be screw-in terminals clamp type where the screw is not in direct contact with the wire and suitable for size 2.5 mm2 (or otherwise as specified).

8) The terminals shall be of rail mounted clip-in type construction, material shall be highgrade track-resistant melamine.

9) Junction boxes should be equipped with a hinged lid on front and shall be lockable with screws. The lid shall be linked to the enclosure by an earth cable (or braid) of 4/6 mm^2.

10) The interior color of junction boxes may be white to improve visibility.

11) Junction boxes and accessories shall be UV and corrosion resistant.

12) Distance between terminal strip and Box side (top, Bottom, left and right) shall be 80mm minimum.

13) The cable entries shall be located at the Bottom of the junction box for the main (Multipair, primary cable) and for secondary cables (single pair, branch cables) with Metric thread.

14) All spare entries shall be supplied with suitable Ex-e certified blanking plug of nickel brass plated and provide Plastic Plug during shipment.

15) Junction Box shall be provided with Earth stud with washers and nuts.

16) Junction Box shall be provided complete with Ex-e cable glands suitable for SWB armoured cable and Ex-e plugs. Atex Certification is required.

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Instrument Junction Boxes Tag list

Ex-e Execution type

M.C. 6x2x0,75mm^2

	TYPE 1A (AI/AO/DI)
1	00-JE-11005
2	00-JE-12002
3	00-JE-12003
4	00-JE-21002
5	950-JE-01103
6	950-JE-03103
7	950-JE-04102
8	SPARE
9	SPARE
10	950-JE-05102
11	950-JE-06102
12	SPARE

M.C. 6x3x2,5mm^2

	TYPE 1B (AI)
1	950-JE-01101
2	950-JE-01102
3	950-JE-03102
4	950-JE-04101
5	950-JE-04201
6	950-JE-04205
7	950-JE-06101
8	950-JE-06201
9	950-JE-02103

M.C. 12x2x0,75mm^2

	TYPE 1C (AI/AO/DI)
1	00-JE-11002
2	00-JE-11004
3	00-JE-12005
4	00-JE-21001

M.C. 2x(12x2x0,75mm^2)

	TYPE 1D (AI/AO/DI)
1	00-JE-11001
2	00-JE-11003
3	00-JE-12001
4	00-JE-12004
5	00-JE-12006
6	00-JE-22001
7	00-JE-22002

M.C. 12x3x2,5mm^2

	TYPE 1E (AI)
1	950-JE-02101
2	950-JE-02102
3	950-JE-03101
4	950-JE-05101

M.C. 12x2,5mm^2

	TYPE 2A (DO)
1	00-JE-13003
2	00-JE-23002
3	950-JE-01104
4	950-JE-02104
5	950-JE-03104
6	950-JE-04103
7	950-JE-04203
8	950-JE-05103
9	950-JE-06103
10	950-JE-06203
11	950-JE-07101

M.C. 24x2,5mm^2

	TYPE 2B (DO)
1	00-JE-13001
2	00-JE-13002
3	00-JE-23001
4	950-JE-04207

Intrinsecally Safe type

M.C. 6x2x0,75mm^2

	TYPE 3A (DI) (1 M25 + 6 M20)
1	950-JE-04204
2	950-JE-04208
3	950-JE-06204

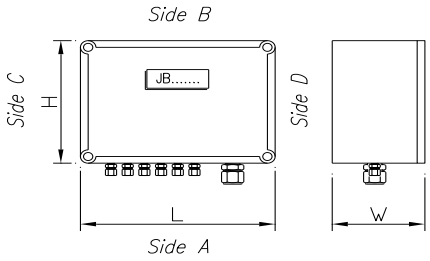
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Q.TY	ITEM	MANUFACTURER	MODEL
12	*Refer to page 5*	**CORTEM**	**CTB262616S1/C2402708/30**

CABLE ENTRIES: 1 M25 + 6 M20

TYPE - 1A

Drawing



Gland Plate dimensions: VTA

Electrical Construction	☑ Ex-e	☐ Ex-i	GR. IIC	Temp. Class T6	
Certificate ATEX	N° VTA	Standard			
Ingress Protection	☐ IP55	☑ IP66	Mounting: **HORIZONTAL**		
Threads according to Standard	☐ ISO 7/1 Rc	☐ UNI 6125	☑ METRIC	☐ None	
External Colour	☐ Grey RAL 9006	☐ Blue RAL 5015	☑ Electropolished		
Internal Colour	☐ Orange RAL 2004	☑ Standard Manufacturer			
Material: Enclosure	☑ Aluminum	☑ AISI 316L	☐ Cast Iron	☐	
Material: Internal/external Screw	☑ Stanless Steel A4	☐			
Material: Internal Bottom Plate	☑ Stanless Steel	☑			
Material: Name Plate	☑ Plastic	☐			
Options: Earthing Stud	☑ Internal	☑ External	Internal Shields Bar	☐ Insulated	
Options: Cover with Hinge	☐ Yes	☑ No		☐ Not Insulated	
Options: Drain Valve	☑ Yes	☐ No	Brathing Valve	☑ Yes	☐ No

Dimensions			Thickness		
L	VTA	mm	Wall	VTA	mm
H	VTA	mm	End Plate	VTA	mm
W	VTA	mm	Cover	VTA	mm
Name Plate	Dimension (LxH)		VTA		mm
	Engraved Charapters Height		10		mm

Electrical Connection	Terminal Quantity
☑ By Strip	**19**
☐	Terminals No.
	TB-1: 1, 2, SH, 3, 4, SH, … 11, 12, SH, OS

Type	☐ Unloosening	☑ Size 2,5 mm2		
Material	☑ Thermoplastic	☐ Thermosetting		
Colour	☑ Std Manufac.	☐ Blue Ex-i		
Mounting On	☐ "C" Bar according to std. EN-50035			
	☑ "Ω" Bar according to std. EN-50022			
Arrangement	☑ Single Row	☐ Double Column		

Side	Hole Dimensions: Threaded Q.ty	Threaded Size	Unthreaded Q.ty	Unthreaded Size	Cable Glands ☐ Ex-e/d Q.ty	Cable Glands Size	Conduit Seals Q.ty	Conduit Seals Size	Plugs (SS316 Ex-e) Q.ty	Plugs (SS316 Ex-e) Size	Type of cable: Armoured	Unarmoured	Formation	External Diameter	Diameter Under Armour
A	/	/	1	M25	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	6	M20	/	/	/	/	/	/	☐	☐	/	/	/
											☐	☐			
B											☐	☐			
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C											☐	☐			
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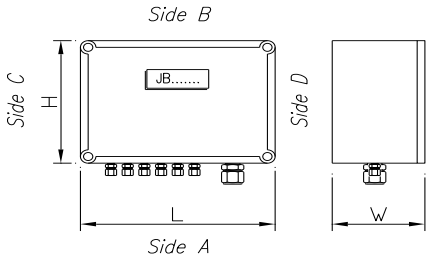
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Q.TY	ITEM	MANUFACTURER	MODEL
9	*Refer to page 5*	**CORTEM**	**CTB262616S1/C2402708/40**

CABLE ENTRIES: 1 M32 + 6 M20

TYPE - 1B

Drawing



Gland Plate dimensions: VTA

Electrical Construction	☑ Ex-e	☐ Ex-i	GR. II C	Temp. Class T6		
Certificate ATEX	N°	VTA	Standard			
Ingress Protection	☐ IP55	☑ IP66	Mounting: **HORIZONTAL**			
Threads according to Standard	☐ ISO 7/1 Rc	☐ UNI 6125	☑ METRIC	☐ None		
External Colour	☐ Grey RAL 9006	☐ Blue RAL 5015	☑ Electropolished			
Internal Colour	☐ Orange RAL 2004	☑ Standard Manufacturer				
Material	Enclosure	☐ Aluminum	☑ AISI 316L	☐ Cast Iron	☐	
	Internal/external Screw	☑ Stanless Steel A4	☐			
	Internal Bottom Plate	☑ Stanless Steel	☑			
	Name Plate	☑ Plastic	☐			
Options	Earthing Stud	☑ Internal	☑ External	Internal Shields Bar	☐ Insulated	
	Cover with Hinge	☐ Yes	☑ No		☐ Not Insulated	
	Drain Valve	☑ Yes	☐ No	Brathing Valve	☑ Yes	☐ No

Dimensions			Thickness			Electrical Connection	Terminal Quantity	
L	VTA	mm	Wall	VTA	mm	☑ By Strip	**25**	Type ☐ Unloosening ☐ Size 2,5 mm2
H	VTA	mm	End Plate	VTA	mm			Material ☑ Thermoplastic ☐ Thermosetting
W	VTA	mm	Cover	VTA	mm			Colour ☑ Std Manufac. ☐ Blue Ex-i
							Terminals No.	Mounting On ☐ "C" Bar according to std. EN-50035
Name Plate	Dimension (LxH)			VTA	mm	☐	*TB-1: 1, 2, SH, 3, 4, SH, … 17, 18, SH, OS*	☑ "Ω" Bar according to std. EN-50022
	Engraved Charapters Height			10	mm			Arrangement ☑ Single Row ☐ Double Column

Side	Hole Dimensions				Cable Glands ☐ Ex-e/d		Conduit Seals		Plugs (SS316 Ex-e)		Type of cable				
	Threaded		Unthreaded								Armoured	Unarmoured	Formation	External Diameter	Diameter Under Armour
	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size					
A	/	/	1	M32	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	6	M20	/	/	/	/	/	/	☐	☐	/	/	/
											☐	☐			
B											☐	☐			
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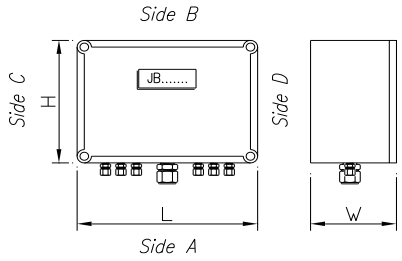
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Q.TY	ITEM	MANUFACTURER	MODEL
4 (1)	*Refer to page 5*	**CORTEM**	**CTB303020S1/C2402708/50**

CABLE ENTRIES: 1 M25 + 12 M20 (1)

TYPE - 1C

Drawing



Gland Plate dimensions: VTA

Electrical Construction	☑ Ex-e	☐ Ex-i	GR. IIC	Temp. Class T6		
Certificate ATEX	N° VTA	Standard				
Ingress Protection	☐ IP55	☑ IP66	Mounting: **HORIZONTAL**			
Threads according to Standard	☐ ISO 7/1 Rc	☐ UNI 6125	☑ METRIC	☐ None		
External Colour	☐ Grey RAL 9006	☐ Blue RAL 5015	☑ Electropolished			
Internal Colour	☐ Orange RAL 2004	☑ Standard Manufacturer				
Material	Enclosure	☐ Aluminum	☑ AISI 316L	☐ Cast Iron	☐	
	Internal/external Screw	☑ Stanless Steel A4	☑			
	Internal Bottom Plate	☑ Stanless Steel	☐			
	Name Plate	☑ Plastic	☐			
Options	Earthing Stud	☑ Internal	☑ External	Internal Shields Bar	☐ Insulated	
	Cover with Hinge	☐ Yes	☑ No		☐ Not Insulated	
	Drain Valve	☑ Yes	☐ No	Brathing Valve	☑ Yes	☐ No

Dimensions			Thickness			Electrical Connection	Terminal Quantity	
L	VTA	mm	Wall	VTA	mm	☑ By Strip	**37**	Type ☐ Unloosening ☑ Size 2,5 mm2
H	VTA	mm	End Plate	VTA	mm			Material ☑ Thermoplastic ☐ Thermosetting
W	VTA	mm	Cover	VTA	mm			Colour ☑ Std Manufac. ☐ Blue Ex-i
							Terminals No.	Mounting On ☐ "C" Bar according to std. EN-50035
Name Plate	Dimension (LxH)			VTA	mm	☐	*TB-1: 1, 2, SH, 3, 4, SH, … 23, 24, SH, OS*	☑ "Ω" Bar according to std. EN-50022
	Engraved Charapters Height			10	mm			Arrangement ☑ Single Row ☐ Double Column

Side	Hole Dimensions				Cable Glands ☐ Ex-e/d		Conduit Seals		Plugs (SS316 Ex-e)		Type of cable				
	Threaded		Unthreaded								Armoured	Unarmoured	Formation	External Diameter	Diameter Under Armour
	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size					
A	/	/	1	M25 (1)	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	12	M20	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	1 (1)	M32 (1)	/	/	/	/	/	/	☐	☐	/	/	/
B											☐	☐			
											☐	☐			
											☐	☐			
C											☐	☐			
											☐	☐			
											☐	☐			
D											☐	☐			
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											☐	☐			

1) For 00-JE-21001 only, Multicore cable entry will be n.1 M32 instead of n.1 M25

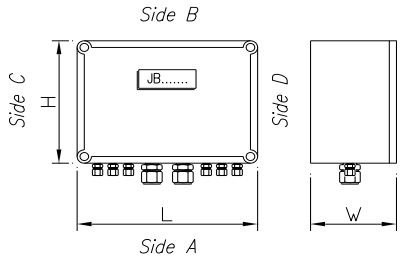
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Q.TY	ITEM	MANUFACTURER	MODEL
7 (1)	*Refer to page 5*	**CORTEM**	**CTB484820S1/C2402708/60**

CABLE ENTRIES: 2 M25 + 24 M20 (1) (2)

TYPE - 1D

Drawing



Gland Plate dimensions: VTA

Electrical Construction	☑ Ex-e	☐ Ex-i	GR. IIC	Temp. Class T6		
Certificate ATEX	N° VTA	Standard				
Ingress Protection	☐ IP55	☑ IP66	Mounting: **HORIZONTAL**			
Threads according to Standard	☐ ISO 7/1 Rc	☐ UNI 6125	☑ METRIC	☐ None		
External Colour	☐ Grey RAL 9006	☐ Blue RAL 5015	☑ Electropolished			
Internal Colour	☐ Orange RAL 2004	☑ Standard Manufacturer				
Material	Enclosure	☐ Aluminum	☑ AISI 316L	☐ Cast Iron	☐	
	Internal/external Screw	☑ Stanless Steel A4	☐			
	Internal Bottom Plate	☑ Stanless Steel	☐			
	Name Plate	☑ Plastic	☐			
Options	Earthing Stud	☑ Internal	☑ External	Internal Shields Bar	☐ Insulated	
	Cover with Hinge	☐ Yes	☑ No		☐ Not Insulated	
	Drain Valve	☑ Yes	☐ No	Brathing Valve	☑ Yes	☐ No

Dimensions			Thickness			Electrical Connection	Terminal Quantity
L	VTA	mm	Wall	VTA	mm	☑ By Strip	**80**
H	VTA	mm	End Plate	VTA	mm		
W	VTA	mm	Cover	VTA	mm		Terminals No.
Name Plate	Dimension (LxH)			VTA	mm	☐	*TB-1: 1, 2, SH, 3, 4, SH, ... 23, 24, SH, OS, OS, OS, OS*
	Engraved Charapters Height			10	mm		*TB-2: 25, 26, SH, 27, 28, SH, ... 47, 48, SH, OS, OS, OS, OS*

Type	☐ Unloosening	☑ Size 2,5 mm2	
Material	☑ Thermoplastic	☐ Thermosetting	
Colour	☑ Std Manufac.	☐ Blue Ex-i	
Mounting On	☐ "C" Bar according to std. EN-50035		
	☑ "Ω" Bar according to std. EN-50022		
Arrangement	☐ Single Row	☑ Double Column	

Side	Hole Dimensions				Cable Glands		Conduit Seals		Plugs (SS316 Ex-e)		Type of cable				
	Threaded		Unthreaded		☐ Ex-e/d										
	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size	Armoured	Unarmoured	Formation	External Diameter	Diameter Under Armour
A	/	/	2	M25 (1)	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	24	M20 (2)	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	1 (1)	M32 (1)	/	/	/	/	/	/	☐	☐	/	/	/
B											☐	☐			
											☐	☐			
											☐	☐			
C											☐	☐			
											☐	☐			
											☐	☐			
D											☐	☑			
											☐	☐			
											☐	☐			

1) For 00-JE-22001 and 00-JE-22002 only, Multicore cables entry will be n.2 M32 instead of n.2 M25

2) For 00-JE-22001 only, secondary cable entry will be n.6 M25 + n.18 M20

For 00-JE-22002 only, secondary cable entry will be n.4 M25 + n.20 M20

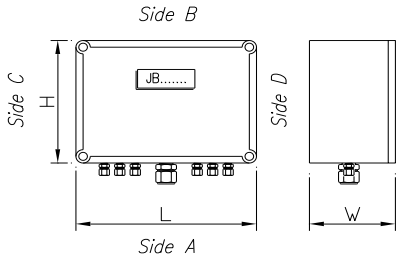
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Q.TY	ITEM	MANUFACTURER	MODEL
4	*Refer to page 5*	CORTEM	CTB382620S1/C2402708/70

CABLE ENTRIES: 1 M50 + 12 M20

TYPE - 1E

Drawing



Gland Plate dimensions: VTA

Electrical Construction	☑ Ex-e	☐ Ex-i	GR. IIC	Temp. Class T6		
Certificate ATEX	N° VTA	Standard				
Ingress Protection	☐ IP55	☑ IP66	Mounting: **HORIZONTAL**			
Threads according to Standard	☐ ISO 7/1 Rc	☐ UNI 6125	☑ METRIC	☐ None		
External Colour	☐ Grey RAL 9006	☐ Blue RAL 5015	☑ Electropolished			
Internal Colour	☐ Orange RAL 2004	☑ Standard Manufacturer				
Material: Enclosure	☐ Aluminum	☑ AISI 316L	☐ Cast Iron	☐		
Material: Internal/external Screw	☑ Stanless Steel A4	☐				
Material: Internal Bottom Plate	☑ Stanless Steel	☐				
Material: Name Plate	☑ Plastic	☐				
Options: Earthing Stud	☑ Internal	☑ External	Internal Shields Bar	☐ Insulated		
Options: Cover with Hinge	☐ Yes	☑ No		☐ Not Insulated		
Options: Drain Valve	☑ Yes	☐ No	Brathing Valve	☑ Yes	☐ No	

Dimensions			Thickness		
L	VTA	mm	Wall	VTA	mm
H	VTA	mm	End Plate	VTA	mm
W	VTA	mm	Cover	VTA	mm
Name Plate	Dimension (LxH)		VTA		mm
	Engraved Charapters Height		10		mm

Electrical Connection	Terminal Quantity
☑ By Strip	49
☐	Terminals No.
	TB-1: 1, 2, 3, SH, 4, 5, 6, SH, … 34, 35, 36, SH, OS

Type	☐ Unloosening	☑ Size 2,5 mm2	
Material	☑ Thermoplastic	☐ Thermosetting	
Colour	☑ Std Manufac.	☐ Blue Ex-i	
Mounting On	☐ "C" Bar according to std. EN-50035		
	☑ "Ω" Bar according to std. EN-50022		
Arrangement	☐ Single Row	☑ Double Column	

Side	Hole Dimensions: Threaded Q.ty	Threaded Size	Unthreaded Q.ty	Unthreaded Size	Cable Glands ☐ Ex-e/d Q.ty	Cable Glands Size	Conduit Seals Q.ty	Conduit Seals Size	Plugs (SS316 Ex-e) Q.ty	Plugs (SS316 Ex-e) Size	Type of cable: Armoured	Unarmoured	Formation	External Diameter	Diameter Under Armour
A	/	/	1	M50	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	12	M20	/	/	/	/	/	/	☐	☐	/	/	/
											☐	☐			
B											☐	☐			
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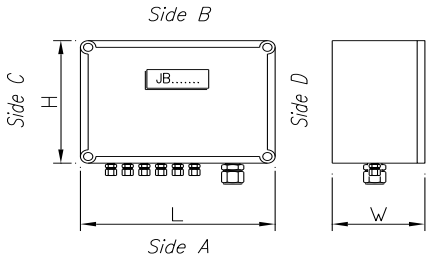
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Q.TY	ITEM	MANUFACTURER	MODEL
11	*Refer to page 5*	**CORTEM**	**CTB262616S1/C2402708/80**

CABLE ENTRIES: 1 M25 + 6 M20

TYPE - 2A

Drawing



Gland Plate dimensions: VTA

Electrical Construction	☑ Ex-e	☐ Ex-i	GR. IIC	Temp. Class T6	
Certificate ATEX	N° VTA	Standard			
Ingress Protection	☐ IP55	☑ IP66	Mounting: **HORIZONTAL**		
Threads according to Standard	☐ ISO 7/1 Rc	☐ UNI 6125	☑ METRIC	☐ None	
External Colour	☐ Grey RAL 9006	☐ Blue RAL 5015	☑ Electropolished		
Internal Colour	☐ Orange RAL 2004	☑ Standard Manufacturer			
Material: Enclosure	☐ Aluminum	☑ AISI 316L	☐ Cast Iron	☐	
Material: Internal/external Screw	☑ Stanless Steel A4	☐			
Material: Internal Bottom Plate	☑ Stanless Steel	☐			
Material: Name Plate	☑ Plastic	☐			
Options: Earthing Stud	☑ Internal	☑ External	Internal Shields Bar	☐ Insulated	
Options: Cover with Hinge	☐ Yes	☑ No		☐ Not Insulated	
Options: Drain Valve	☑ Yes	☐ No	Brathing Valve	☑ Yes	☐ No

Dimensions			Thickness			Electrical Connection	Terminal Quantity
L	VTA	mm	Wall	VTA	mm	☑ By Strip	**19**
H	VTA	mm	End Plate	VTA	mm		
W	VTA	mm	Cover	VTA	mm		Terminals No.
Name Plate	Dimension (LxH)			VTA	mm	☐	*TB-1: 1, 2, SH, 3, 4, SH, … 11, 12, SH, OS*
	Engraved Charapters Height			10	mm		

Type	☐ Unloosening	☑ Size 2,5 mm2		
Material	☑ Thermoplastic	☐ Thermosetting		
Colour	☑ Std Manufac.	☐ Blue Ex-i		
Mounting On	☐ "C" Bar according to std. EN-50035			
	☑ "Ω" Bar according to std. EN-50022			
Arrangement	☑ Single Row	☐ Double Column		

Side	Hole Dimensions: Threaded Q.ty	Threaded Size	Unthreaded Q.ty	Unthreaded Size	Cable Glands ☐ Ex-e/d Q.ty	Cable Glands Size	Conduit Seals Q.ty	Conduit Seals Size	Plugs (SS316 Ex-e) Q.ty	Plugs (SS316 Ex-e) Size	Type of cable: Armoured	Unarmoured	Formation	External Diameter	Diameter Under Armour
A	/	/	1	M25	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	6	M20	/	/	/	/	/	/	☐	☐	/	/	/
											☐	☐			
B											☐	☐			
											☐	☐			
											☐	☐			
C											☐	☐			
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D											☐	☐			
											☐	☐			
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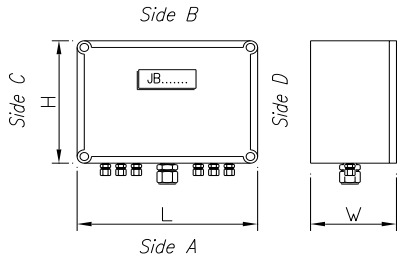
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Q.TY	ITEM	MANUFACTURER	MODEL
4	*Refer to page 5*	**CORTEM**	**CTB303020S1/C2402708/90**

CABLE ENTRIES: 1 M32 + 12 M20

TYPE - 2B

Drawing



Gland Plate dimensions: VTA

Electrical Construction	☑ Ex-e	☐ Ex-i	GR. IIC	Temp. Class T6		
Certificate ATEX	N° VTA	Standard				
Ingress Protection	☐ IP55	☑ IP66	Mounting: **HORIZONTAL**			
Threads according to Standard	☐ ISO 7/1 Rc	☐ UNI 6125	☑ METRIC	☐ None		
External Colour	☐ Grey RAL 9006	☐ Blue RAL 5015	☑ Electropolished			
Internal Colour	☐ Orange RAL 2004	☑ Standard Manufacturer				
Material	Enclosure	☐ Aluminum	☑ AISI 316L	☐ Cast Iron	☐	
	Internal/external Screw	☑ Stanless Steel A4	☐			
	Internal Bottom Plate	☑ Stanless Steel	☐			
	Name Plate	☑ Plastic	☐			
Options	Earthing Stud	☑ Internal	☑ External	Internal Shields Bar	☐ Insulated	
	Cover with Hinge	☐ Yes	☑ No		☐ Not Insulated	
	Drain Valve	☑ Yes	☐ No	Brathing Valve	☑ Yes	☐ No

Dimensions			Thickness			Electrical Connection	Terminal Quantity	
L	VTA	mm	Wall	VTA	mm	☑ By Strip	**37**	Type ☐ Unloosening ☑ Size 2,5 mm2
H	VTA	mm	End Plate	VTA	mm			Material ☑ Thermoplastic ☐ Thermosetting
W	VTA	mm	Cover	VTA	mm			Colour ☑ Std Manufac. ☐ Blue Ex-i
							Terminals No.	Mounting On ☐ "C" Bar according to std. EN-50035
Name Plate	Dimension (LxH)			VTA	mm	☐	*TB-1: 1, 2, SH, 3, 4, SH, … 23, 24, SH, OS*	☑ "Ω" Bar according to std. EN-50022
	Engraved Charapters Height			10	mm			Arrangement ☐ Single Row ☑ Double Column

Side	Hole Dimensions				Cable Glands ☐ Ex-e/d		Conduit Seals		Plugs (SS316 Ex-e)		Type of cable				
	Threaded		Unthreaded								Armoured	Unarmoured	Formation	External Diameter	Diameter Under Armour
	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size					
A	/	/	1	M32	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	12	M20	/	/	/	/	/	/	☐	☐	/	/	/
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B											☐	☐			
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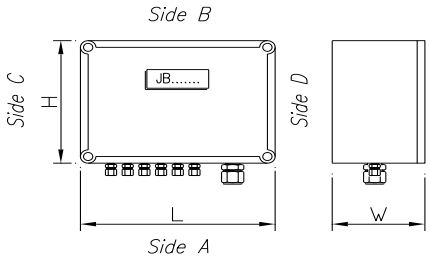
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Q.TY	ITEM	MANUFACTURER	MODEL
3	*Refer to page 5*	**CORTEM**	**CTB262616S1/C2402708/100**

CABLE ENTRIES: 1 M25 + 6 M20

TYPE - 3A

Drawing



Gland Plate dimensions: VTA

Electrical Construction	☑ Ex-e	☐ Ex-i	GR. IIC	Temp. Class T6		
Certificate ATEX	N° VTA	Standard				
Ingress Protection	☐ IP55	☑ IP66	Mounting: **HORIZONTAL**			
Threads according to Standard	☑ ISO 7/1 Rc	☐ UNI 6125	☑ METRIC	☐ None		
External Colour	☐ Grey RAL 9006	☑ Blue RAL 5015	☐ Electropolished			
Internal Colour	☐ Orange RAL 2004	☑ Standard Manufacturer				
Material	Enclosure	☐ Aluminum	☑ AISI 316L	☐ Cast Iron	☐	
	Internal/external Screw	☑ Stanless Steel A4	☐			
	Internal Bottom Plate	☑ Stanless Steel	☑			
	Name Plate	☑ Plastic	☐			
Options	Earthing Stud	☑ Internal	☑ External	Internal Shields Bar	☑ Insulated	
	Cover with Hinge	☐ Yes	☑ No		☐ Not Insulated	
	Drain Valve	☑ Yes	☐ No	Brathing Valve	☑ Yes	☐ No

Dimensions			Thickness			Electrical Connection	Terminal Quantity	
L	VTA	mm	Wall	VTA	mm	☑ By Strip	**19**	Type ☐ Unloosening ☑ Size 2,5 mm2
H	VTA	mm	End Plate	VTA	mm			Material ☑ Thermoplastic ☐ Thermosetting
W	VTA	mm	Cover	VTA	mm		Terminals No.	Colour ☑ Std Manufac. ☐ Blue Ex-i
Name Plate	Dimension (LxH)			VTA	mm	☐	*TB-1: 1, 2, SH, 3, 4, SH, … 11, 12, SH, OS*	Mounting On ☐ "C" Bar according to std. EN-50035
	Engraved Charapters Height			10	mm			☑ "Ω" Bar according to std. EN-50022
								Arrangement ☑ Single Row ☐ Double Column

Side	Hole Dimensions				Cable Glands ☐ Ex-i		Conduit Seals		Plugs (SS316 Ex-i)		Type of cable				
	Threaded		Unthreaded								Armoured	Unarmoured	Formation	External Diameter	Diameter Under Armour
	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size	Q.ty	Size					
A	/	/	1	M25	/	/	/	/	/	/	☐	☐	/	/	/
	/	/	6	M20	/	/	/	/	/	/	☐	☐	/	/	/
											☐	☐			
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