



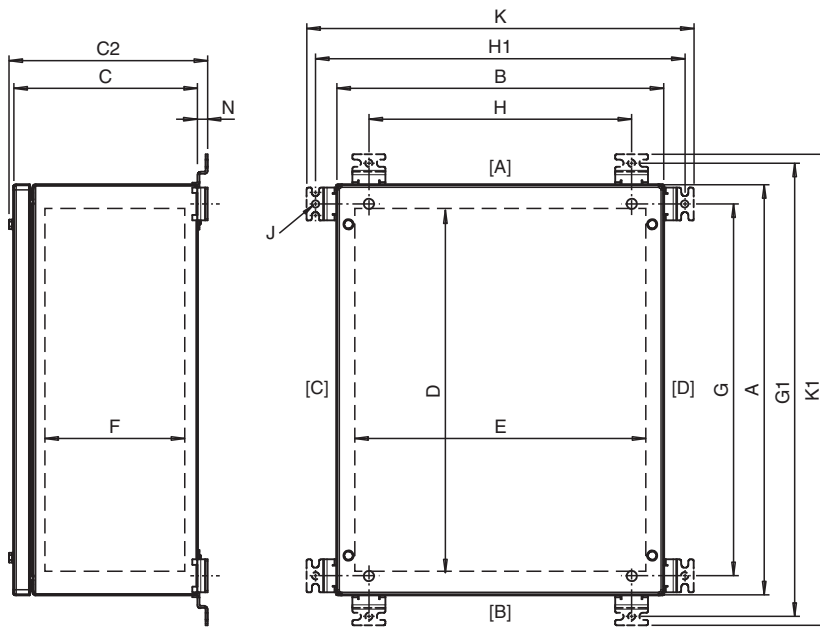
Terminal Box Ex e / Ex i, Stainless Steel

XLS.T*.31.31.20.*.0

- 306 mm x 306 mm x 200 mm
- 316L Stainless Steel
- Ex e, Ex ia and Ex tb certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Straight Edge Sealing
- No Gland Plate
- Customizable configuration of terminals, cable entries and cable gland types as per specification



Dimensions



Release date: 2020-11-26 Date of issue: 2020-11-26 Filename: t189351_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Dimension values see data table.

Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	Height
B	Width
C	Depth
C2	Depth with cover screws and mounting brackets
D	Internal height
E	Internal width
F	Internal depth to mounting bolts
G	Mounting holes distance, vertical
G1	Mounting holes distance, mounting brackets vertical
H	Mounting holes distance, horizontal
H1	Mounting holes distance, mounting brackets horizontal
J	Mounting holes diameter
K	Maximum external dimension with mounting brackets horizontal
K1	Maximum external dimension with mounting brackets vertical
N	Thickness of mounting brackets (optional accessories)
[A] ... [D]	Cable entry faces

Technical Data

Electrical specifications

Operating voltage	1100 V AC max.
Operating current	350 A max.

Mechanical specifications

Enclosure cover	fully detachable
Cover fixing	
Screws	M6 stainless steel hexagon head screws
Number	4
Tightening torque	2 Nm
Cover seal	one piece closed cell silicone
Degree of protection	IP66
Cable entry	thru-holes direct through body
Gland plate on face(s)	n/a
Material	
Enclosure	1.5 mm AISI 316L, (1.4404) stainless steel
Finish	electropolished
Mass	approx. 6.5 kg
Dimensions	
External dimension (A)	306 mm
External dimension (B)	306 mm
External dimension (C)	200 mm
External dimension with screws (C2)	217.6 mm
Internal dimension (D)	257 mm
Internal dimension (E)	257 mm
Internal dimension (F)	162.5 mm
Mounting holes distance (G)	231 mm
Mounting holes distance (G1)	356 mm
Mounting holes distance (H)	356 mm
Mounting holes distance (H1)	261 mm
Mounting holes diameter (J)	8.5 mm
Thickness of mounting brackets (N)	12 mm

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Technical Data

Maximum external dimension (K)	377 mm
Maximum external dimension (K1)	377 mm
Mounting	4 Mounting bracket for wall mounting included in the scope of delivery
Grounding	M8 internal/external brass nickel-plated grounding bolts M6 internal stainless steel grounding bolt welded to lid M6 internal stainless steel grounding bolt welded to enclosure body
Ambient conditions	
Ambient temperature	-40 ... 40 °C (-40 ... 104 °F) , optional -50 ... 120 °C (-58 ... 248 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	CML 16 ATEX 3008X CML 17 ATEX 3023U
Marking	⊕ II 2 GD Ex eb IIC T* Gb, Ex db eb IIC T* Gb, Ex tb IIIC T** Db or Ex ia IIC T* Gb, Ex tb IIIC T** Db or Ex eb IIC T* Gb, Ex ia IIC T* Gb, Ex tb IIIC T** Db T6/T80 °C @ Ta +40 °C T5/T95 °C @ Ta +55 °C T4/T125 °C @ Ta +85 °C T3/T160 °C @ Ta +120 °C
International approvals	
IECEX approval	IECEX CML 16.0007X IECEX CML 17.0013U
EAC approval	RU C-DE.BH02.B.00016/18
CCoE approval	PESO A/P/HQ/MH/104/4900 (P386871)
IA approval	MASC S/18-0004X
CCC approval	2020322303002519
Conformity	
Degree of protection	EN 60529
CE marking	0102
General information	
Ordering information	This device will be delivered completely configured and assembled ready for use. For configuration details please contact Customer Service.
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com .

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Dimension values see technical data table.

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