

Features

- For installation of power distribution networks
- 316L Stainless Steel
- Ex e certified
- M10 internal/external brass earth stud
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- 977 mm x 677 mm x 300 mm

Assembly

Image represents this device type and deviates from the specific variant

Technical data**Electrical specifications**

Operating voltage 6.6 kV

Operating current 650 A max.

General information

Three equally spaced internal bus bars are mounted on insulators. The insulators are in turn mounted on polycarbonate offering excellent separation between phases. Six plastic cable support cleats are mounted on GRP support rails.

Number of busbars 3, each with 2 x M10 thru-holes with terminal lugs suitable for 70mm² cable

Mechanical specifications

Enclosure cover fully detachable

Safety Padlockable hasp

Degree of protection IP66

Cable entry thru-holes direct through body or via gland plate

Gland plate on face(s) B

Material

Enclosure 1.5 mm AISI 316L, (1.4404) stainless steel

Gland plate 3 mm AISI 316L, (1.4404) stainless steel

Finish electropolished

Seal Silicone rubber, one piece

Mass approx. 44 kg

Dimensions

External dimension (A) 977 mm

External dimension (B) 677 mm

External dimension (C) 300 mm

Internal dimension (D) 928 mm

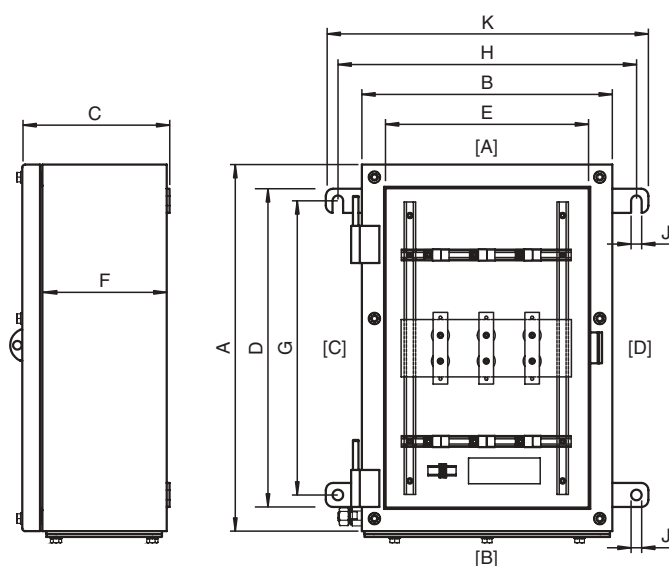
Internal dimension (E) 628 mm

Internal dimension (F) 279 mm

Mounting holes distance (G) 902 mm

Mounting holes distance (H)	727 mm
Mounting holes diameter (J)	11 mm
Maximum external dimension (K)	752 mm
Grounding	M10 internal/external brass grounding bolt
Ambient conditions	
Ambient temperature	-50 ... 55 °C (-58 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 00 ATEX 3206
Marking	⊕ II 2 GD Ex e IIC T6 Gb, Ex tb IIIC T85 °C Db
International approvals	
IECEX approval	IECEX SIR 09.0109
EAC approval	RU C-DE.BH02.B.00016/18
Conformity	
Degree of protection	EN 60529
CE marking	0102
General information	
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 .

Dimensions



Legend

A	Height
B	Width
C	Depth
D	Internal height
E	Internal width
F	Internal depth to surface mounting plate
G	Mounting holes distance, vertical
H	Mounting holes distance, horizontal
J	Mounting holes diameter
K	Maximum external dimension with mounting brackets
[A] ... [D]	Cable entry faces

Dimension values see technical data table.

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



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