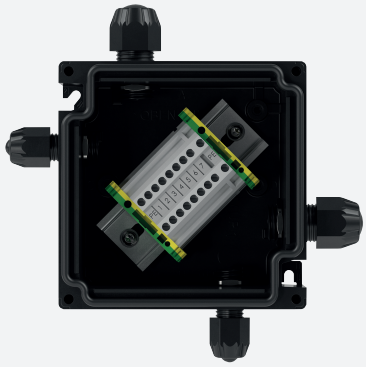


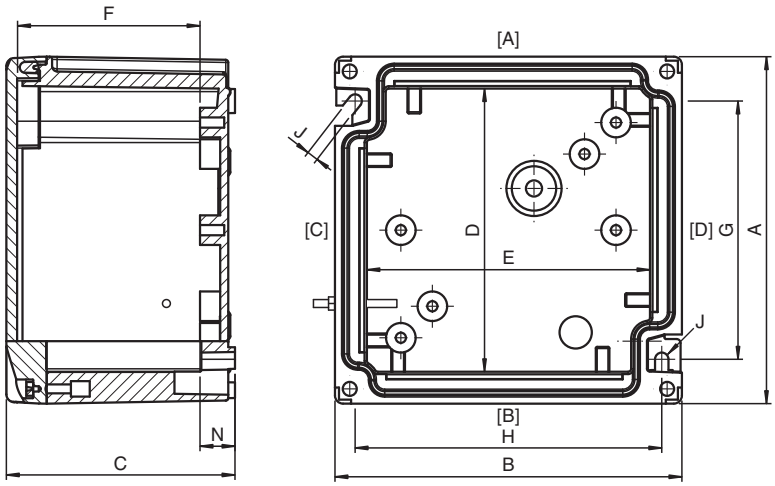
Junction Box Ex e, Glass-Fiber Reinforced Polyester (GRP)

GR.TJE.13.13.09.B-S0008

- Carbon loaded, antistatic glass-fiber reinforced polyester
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Ex eb and Ex tb certified
- 129 mm x 129 mm x 85 mm
- Modern design with high impact resistance
- Easy installation due to easily accessible mounting points
- Easy cover opening without damage due to multiple pry points
- Top face cable gland polyamide, 1x M20; bottom face cable gland polyamide, 1x M16; left side cable gland polyamide, 1x M16; right side cable gland polyamide, 1x M20

Terminal and Junction Boxes Ex e / Ex i, Glass-Fiber Reinforced Polyester (GRP)

Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Technical Data

Electrical specifications		
Operating voltage		690 V AC / DC max.
Mechanical specifications		
Enclosure cover		fully detachable
Cover fixing		Stainless steel A4 (V4A) combination pozi driv and slotted screw
Screws		M4
Number		2
Tightening torque		1.5 Nm
Cover seal		foamed silicone
Degree of protection		IP66
Cable entry		thru-holes
Cable entry face A		
M20 quantity		1

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Technical Data

M20 series	Cable Glands, Plastic
M20 type	CG.PEDS1.M20.*
M20 clamping range	6 ... 12 mm
Cable entry face B	
M16 quantity	1
M16 series	Cable Glands, Plastic
M16 type	CG.PEDS1.M16S.*
M16 clamping range	4 ... 8 mm
Cable entry face C	
M16 quantity	1
M16 series	Cable Glands, Plastic
M16 type	CG.PEDS1.M16S.*
M16 clamping range	4 ... 8 mm
Cable entry face D	
M20 quantity	1
M20 series	Cable Glands, Plastic
M20 type	CG.PEDS1.M20.*
M20 clamping range	6 ... 12 mm
Terminal assembly	
Rail orientation	diagonal
Number of horizontal rails	1
Usable length per horizontal rail	67.5 mm
Terminal type	7 x UT 2.5 2 x UT 2.5 PE
Terminal capacity	2.5 mm^2
Material	
Enclosure	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	approx. 0.65 kg
Dimensions	
External dimension (A)	129 mm
External dimension (B)	129 mm
External dimension (C)	85 mm
Internal dimension (D)	106 mm
Internal dimension (E)	106 mm
Internal dimension (F)	68 mm
Mounting holes distance (G)	96 mm
Mounting holes distance (H)	114 mm
Mounting holes diameter (J)	5 mm
Thickness of mounting brackets (N)	13 mm
Mounting	2 screws
Ambient conditions	
Ambient temperature	-40 ... 60 °C (-40 ... 140 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	CML 17 ATEX 3255X
Marking	⟨Ex⟩ II 2 GD Ex eb IIC T* Gb Ex tb IIIC T** °C Db T6/T80 °C @ Ta +40 °C T4/T130 °C @ Ta +60 °C
International approvals	
IECEx approval	IECEx CML 17.0144X
UKCA approval	CML 21 UKEX 3896X
Further approvals	further on request
Conformity	

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Technical Data

Degree of protection		EN60529
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.

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