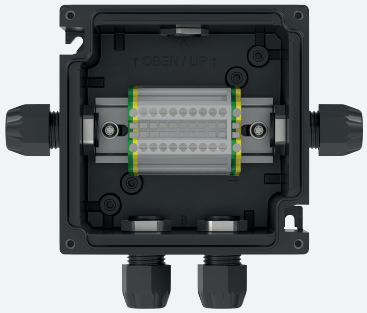


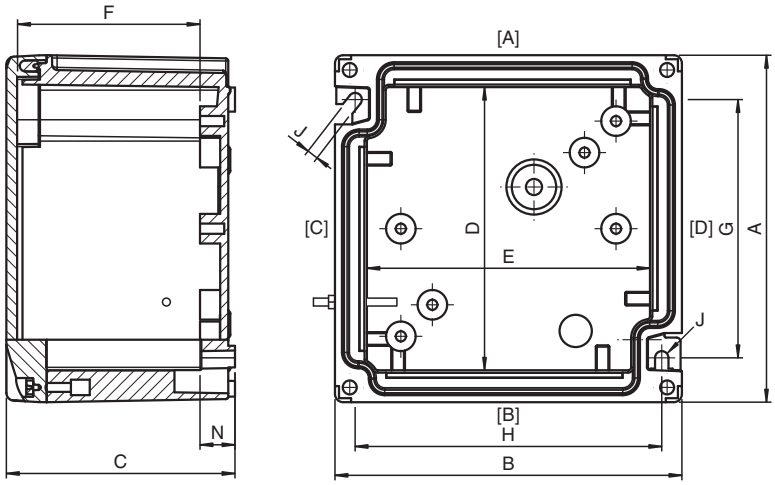
# Junction Box Ex e, Glass-Fiber Reinforced Polyester (GRP)

## GR.TJE.13.13.09.B-S0002

- Carbon loaded, antistatic glass-fiber reinforced polyester
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Ex e 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 M25; bottom face cable gland polyamide, 2x M25
- Image is generic for this device type and may deviate from the specific variant

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. for ATEX / IECEx |
| **Mechanical specifications** | | |
| Enclosure cover | | fully detachable |
| Cover fixing | | Stainless steel A4 (V4A) combination pozi driv and slotted screw |
| Screws | | M6 |
| Number | | 4 |
| Tightening torque | | 3.5 Nm |
| Cover seal | | foamed silicone |
| Degree of protection | | IP66 |
| Cable entry | | thru-holes |
| Cable entry face A | | |

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## Technical Data

| | | |
|---|---|---|
| M25 quantity | | 1 |
| M25 series | | Cable Glands, Plastic |
| M25 clamping range | | 9 ... 17 mm |
| Cable entry face B | | |
| M25 quantity | | 2 |
| M25 series | | Cable Glands, Plastic |
| M25 type | | CG.PEDS1.M25.* |
| M25 clamping range | | 9 ... 17 mm |
| Terminal assembly | | |
| Rail orientation | | horizontal |
| Number of horizontal rails | | 1 |
| Usable length per horizontal rail | | 101.5 mm |
| Terminal type | | 9 x UT 2.5<br>2 x UT 2.5 PE |
| Terminal capacity | | 4 mm² |
| Material | | |
| Enclosure | | carbon loaded, antistatic glass-fiber reinforced polyester (GRP) |
| Finish | | inherent color black |
| Mass | | approx. 1 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<br>Ex eb IIC T* Gb<br>Ex tb IIIC T** °C Db<br>T6/T80 °C @ Ta +40 °C<br>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** | | |
| 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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