

Electronic Earthing System (Resistive and Capacitive)

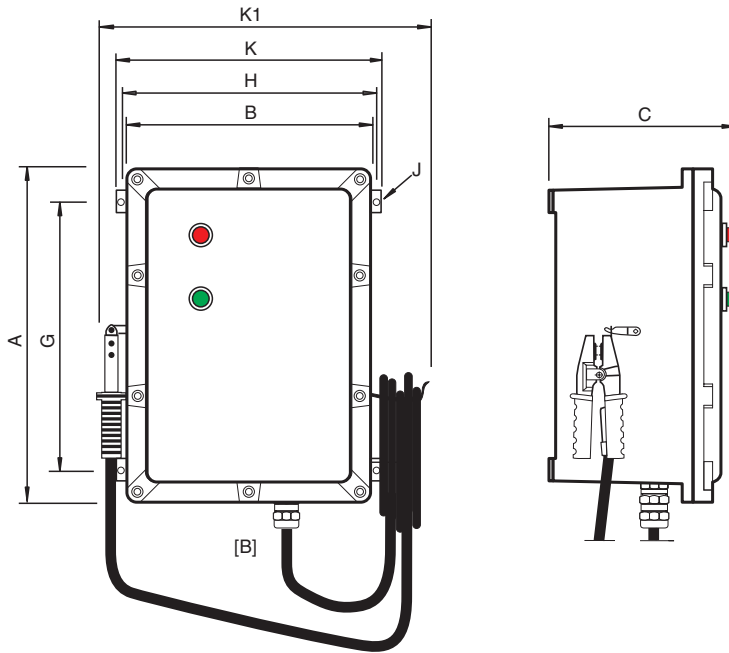


EJB6A*DMT*

- Elimination of electrostatic charges
- Copper-free aluminum enclosure
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Ex d and Ex tb certified
- Gas group IIB+H₂
- Degree of protection: IP 65



Dimensions



Dimensions

Dimension values see data table.

Real values might differ slightly due to manufacturing tolerances.

Dimensions are valid for standard enclosures and IP66 variants only.

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

Legend	
A	Height
B	Width
C	Depth
G	Mounting holes distance, vertical
H	Mounting holes distance, horizontal
J	Mounting holes diameter
K	Maximum external dimension of mounting brackets
K1	Maximum external dimension with clamp and cable hook
[B]	Cable entry face

Technical Data

Electrical specifications

Operating voltage	230 V AC , optional 110 V AC
Function	elimination of electrostatic charges
Lens color	red and green
Operator action	Cable: hydrocarbon-resistant, 3x 3 mm ² , length 8 m. Other lengths on request. Connection clamp: Aluminum with phosphor bronze contacts, isolating thermoplastic handles

Mechanical specifications

Thread type	metric ISO pitch 1.5 mm or NPT ANSI ASME B1.20.1
Enclosure cover	detachable , optional hinges
Cover fixing	stainless steel socket cap head screws
Screws	M8
Number	10
Tightening torque	20 Nm
Material of screws	stainless steel
Yield stress	min. 450 N/mm ²
Cover seal	none, O-ring for IP66/67
Flamepath grease	Greasil MS4 or NEVER SEEZ Marine Grade
Degree of protection	IP65 , Enclosure IP66 (IP66/67 with O-ring)
Cable entry	face B
Cable entry face B	
M25 quantity	2
M25 type	NPT 3/4"
M25 info	as standard, other on request
Material	
Enclosure	aluminum alloy
Finish	epoxy coated RAL 7005 (grey)
O-Ring	silicone
Mass	approx. 13 kg
Dimensions	values might differ slightly due to casting and manufacturing tolerances
External dimension (A)	332 mm
External dimension (B)	232 mm
External dimension (C)	185 mm
Mounting holes distance (G)	230 mm
Mounting holes distance (H)	196 mm
Mounting holes diameter (J)	8 mm

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Technical Data

Maximum external dimension (K)	216 mm
Maximum external dimension (K1)	380 mm
Grounding	M6 external grounding points
Ambient conditions	
Ambient temperature	-20 ... 40 °C (-4 ... 104 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	INERIS 14 ATEX 0022X
Marking	⊕ II 2 GD Ex db [ia Ga] IIB+H ₂ T6 Gb, II 2 GD Ex tb [iaD] IIIB T85 °C Db
International approvals	
IECEX approval	IECEX INE 14.0029X
UKCA approval	CML 21 UKEX 1424X
Conformity	
Degree of protection	EN 60529
CE marking	0080 or 0102, see type label
General information	
Ordering information	This solution 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 .