

ATEX Explosion proof enclosure

Product reference:

45A
40A
37A



Description and use

- ➔ Designed to house non-ATEX certified, sensitive and active equipment, operating in potentially explosive (ATEX zone 1 & zone 2), harsh, wet or corrosive environments
- ➔ Applicable to electrical equipment : wireless access point, junction boxes, access control modules (door management modules, alarm modules...), automation modules...
- ➔ Possibility to add cable glands on 3 sides of the enclosure (number and size depending on ATEX certification limit)

Technical specifications

Housing	stainless steel (316L), 4 mounting brackets, locking bolts according to standard IEC 60079-0
Ingress protection	IP66, ATEX zone 1
Roughness average (R _a)	< 6.3 µm according to article 5.2.2 of standard IEC 60079-1
Dimension (W x H x D)	
Ref 45A	450 x 200 x 190 mm
Ref 40A	400 x 320 x 170 mm
Ref 37A	370 x 370 x 300 mm
Weight (without cable glands)	
Ref 45A	approx. 25 Kg
Ref 40A	approx. 25 Kg
Ref 37A	approx. 35 Kg
Outgoing cables	Only use LSZH cables compliant with standards IEC 60331, IEC 60332 (in accordance with IEC 60134, IEC 60540, IEC 60754) Cable glands will be of appropriate ATEX/Ex d IIC type
Electrical equipment integration	Meet the requirements of the standard IEC 60079-1/Annex D.3.10 The maximum dissipated power inside the enclosure must comply the indications of our ATEX certificate
ATEX protection	standards: EN/IEC 60079-0/1/31 ⚠ II 2 G Ex d IIC T6...T4 Gb / ⚠ II 2 D Ex tb IIIC T85°C...T135°C Db

