

Junction box

Abox-i SL-16²

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Abox-i SL-16²

Junction box

CUSTOMIZABLE

Productnumber: 49083501

Dimensions: 250 x 200 x 115 mm

Junction box, protection class IP65, nominal cross-section 16 mm², U_i=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), knockouts, M20/M25/M32/M40/M50, (4 rear, 10 side), internal fixing points, with screwless terminals for installations in the industrial arena and protected outside areas

grey, with raised, screwless terminal Wago 2016-1201, 5-pole, max. nominal cross-section according to DIN EN 60998: 16 mm², 76 A current load capacity, cross-sections able to be clamped per pole: 4 x 0.5 to 16 mm², rigid, 4 x 0.5 to 25 mm² flexible

Accessories supplied:

1 Sealing kit



Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	16 mm ²
Protection class:	II
Type of protection:	IP65
UL Type Rating:	not specified

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	250 mm
Length:	200 mm
Height:	115 mm

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	V2
Glow-wire flammability according to EN 60695-2-11:	960 °C
Industry quality:	yes

mechanical properties

Type of fastening:	Wall/ceiling mounting
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	1.7 Nm
Fastening:	internal fixing points

Ambient conditions

max. relative humidity 25°C:	95 %
max. relative humidity 40°C:	50 %
Min. ambient temperature:	-35 °C
Max. ambient temperature:	80 °C
24h ambient temperature:	60 °C
Installation location:	protected outdoor areas

Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate, glass-fibre reinforced
Sealing material:	Polyurethane
Cover screw material:	Stainless steel V2A

Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))
Test mark:	DLG (Ammonia resistance)

Accessories

[22742001 - KVR M20-MGM - Cable gland](#)

[22742101 - KVR M20-GDB/MGM - Cable gland](#)

[22742501 - KVR M25-MGM - Cable gland](#)

[22743201 - KVR M32-MGM - Cable gland](#)

[22744001 - KVR M40-MGM - Cable gland](#)

[26012001 - DMS M20/w - Double-membrane seals](#)

[26012501 - DMS M25/w - Double-membrane seals](#)

[26042001 - DMS M20 - Double-membrane seals](#)

[26042501 - DMS M25 - Double-membrane seals](#)

[26043201 - DMS M32 - Double-membrane seals](#)

[26044001 - DMS M40 - Double-membrane seals](#)

Cable gland

