

Junction box

Abox XT 025-2,5²

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Abox XT 025-2,5²

Junction box

CUSTOMIZABLE

Productnumber: 49240201

Dimensions: 82 x 82 x 52 mm

Junction box, protection class IP68, nominal cross-section 2.5 mm², U_i=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22) & DIN VDE V 0606-22-100), knockouts, M20, (1 rear, 7 side), internal fixing points, with screw terminals for encapsulation, for assembly in flooded areas and in the ground without traffic loads,

grey, I_n=24 A, with screw terminal, 5-pole - 2.5 mm² (4 x 1.5² / 4 x 2.5²)

Accessories supplied:

4 double membrane seals IP66 M20 sealing range 7 - 12 mm, 2 sealing plugs M20, 1 attachment bush M20, 1 cast resin bag GHB1 with filling funnel

IP68

2,5²

IK08



690V
AC



Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	2,5 mm ²
Protection class:	II
Type of protection:	IP68
UL Type Rating:	not specified

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	82 mm
Length:	82 mm
Height:	52 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:	Universal
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	1.7 Nm
Fastening:	internal fixing points

Ambient conditions

Min. ambient temperature:	-35 °C
Max. ambient temperature:	80 °C
24h ambient temperature:	60 °C
Installation location:	unprotected outdoor areas

Material

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

Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22) & DIN VDE V 0606-22-100)
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Accessories

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

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

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

[23042001 - AST M20 - Attachment bushes](#)

[23142001 - VST M20 - Sealing plugs](#)

Cable gland

