Junction box

Abox Pro XT SL-6²



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Junction box

Productnumber: 40646001
Dimensions: 152 x 152 x 85 mm

Junction box, protection class IP68, nominal cross-section 6 mm², Ui=450 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22) & DIN VDE V 0606-22-100), knockouts, M20/M25/M32, (2 rear, 10 side), internal fixing points, with screwless terminals and clamp holder for encapsulation, for assembly in flooded areas and in the ground without traffic loads, for installation in industrial environments and unprotected outdoor areas

grey, In=41 A, with 5 raised, screwless 3-wire terminal blocks, type Wago 221-613 - 6 mm², clampable cross-sections per pole: 3 x 0.2 to 6 mm² rigid/flexible Cu

Accessories supplied:
4 double membrane seals IP66 M32 sealing range 13 - 21 mm, 2 sealing plugs M20, 1 attachment bush M20, cover retainer, 1 cast resin bag GHB Pro 4 with filling funnel and disposable gloves.

Technical Data

electrical characteristics

Rated insulation voltage AC:	450 V
Rated insulation voltage DC:	450 V
Min. conductor cross section:	0,5 mm²
Max. conductor cross section:	6 mm²
Protection class:	II
Type of protection:	IP68
Rated current:	41 A
Terminal type:	screwless
Number of poles:	5

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	152 mm
Length:	152 mm
Height:	85 mm
Inner length:	137 mm
Inner width:	137 mm
Inner height:	65 mm
Weight:	2.106 kg

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	V0
Glow-wire flammability:	960 °C (EN 60695-2-11)

mechanical properties

Impact strength:	IK09
Sealable:	yes
Cover screw torque:	1.5 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:	unprotected outdoor areas

Sales Information

EAN:	4013902664108
ETIM Class:	EC002600
Custom tariff number:	85369095
Minimum order quantity:	1

Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate
Sealing material:	Thermoplastic elastomer
Cover screw material:	Stainless steel 1.4567 (V2A)

Certificates

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

Accessories

49252401 - GHB Pro 4 - Cast-resin bag

26042001 - DMS M20 - Double-membrane seals

26042501 - DMS M25 - Double-membrane seals

26043201 - DMS M32 - Double-membrane seals

22742101 - KVR M20-GDB/MGM - Cable gland

22742001 - KVR M20-MGM - Cable gland

22742501 - KVR M25-MGM - Cable gland

22743201 - KVR M32-MGM - Cable gland

Cable gland

