

Junction box

Abox Pro XT-6²



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Junction box

Productnumber: 40645001

Dimensions: 127 x 127 x 75 mm

Junction box, protection class IP68, nominal cross-section 6 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/M32, (1 rear, 7 side), internal fixing points, with screw terminals for encapsulation, for assembly in flooded areas and in the ground without traffic loads, for installations in the industrial environment and unprotected outside areas

grey, I_n=41 A, with raised screw terminal block, 5-pole - 6 mm², clampable cross-sections per pole: 4 x 1.5 mm², 4 x 2.5 mm², 4 x 4 mm², 4 x 6 mm² rigid Cu/flexible with wire-end ferrule

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 3 with filling funnel and disposable gloves



Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Rated insulation voltage DC:	690 V
Min. conductor cross section:	1,5 mm²
Max. conductor cross section:	6 mm²
Protection class:	II
Type of protection:	IP68
Rated current:	41 A
Terminal type:	Screw terminal
Number of poles:	5

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	127 mm
Length:	127 mm
Height:	75 mm
Inner length:	113 mm
Inner width:	113 mm
Inner height:	55 mm
Weight:	1.2653 kg

Material characteristics

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

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:	4013902664139
ETIM Class:	EC002600
Custom tariff number:	85369095
MOQ:	1

Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate
Sealing material:	Thermoplastic elastomer
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

[49252301 - GHB Pro 3 - Cast-resin bag](#)

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

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

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

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

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

Cable gland

