

Junction box

## Abox Pro XT SL-6<sup>2</sup>



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**Junction box**

Productnumber: 40646001

Dimensions: 152 x 152 x 85 mm

Junction box, protection class IP68, nominal cross-section 6 mm<sup>2</sup>, U<sub>i</sub>=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 for encapsulation, for assembly in flooded areas and in the ground without traffic loads, for installation in industrial environments and unprotected outdoor areas

**grey, I<sub>n</sub>=41 A, with 5 raised, screwless 3-wire terminal blocks, type Wago 221-613 - 6 mm<sup>2</sup>, clampable cross-sections per pole: 3 x 0.2 to 6 mm<sup>2</sup> 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 mm <sup>2</sup>
Max. conductor cross section:	6 mm <sup>2</sup>
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 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:	4013902664108
Packing Unit Code:	CT
ETIM Class:	EC002600
Custom tariff number:	85369095

### 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

[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

