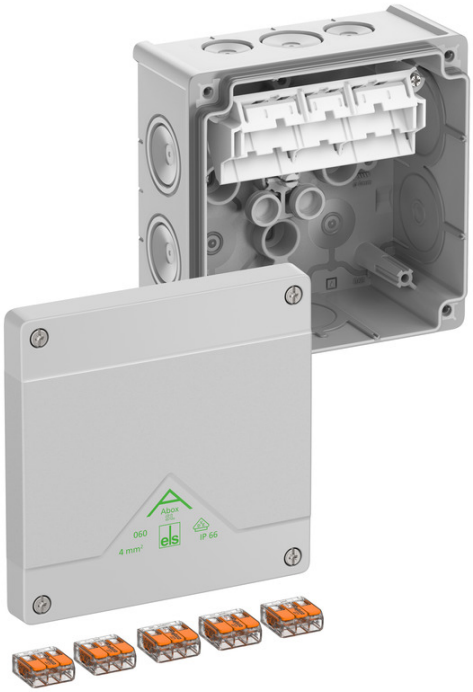
Junction box

Abox SL-4²



Abox SL-4²

Junction box

Productnumber: 80444001
Dimensions: 127 x 127 x 70 mm

Junction box, protection class IP66, nominal cross-section 4 mm², Ui=450 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), self-sealing, soft insertion membranes, M20/M25/M32, sealing range 4 - 28 mm, (2 rear, 8 side), internal fixing points, with screwless terminals and clamp holders, for standard indoor and protected outdoor installations

grey, In=32 A, with 5 raised, screwless 3-wire terminal blocks, Wago 221-413 - 4 mm², clampable cross-sections per pole: 3 x 0.2 to 4 mm² rigid Cu and 3 x 0.14 to 4 mm² flexible Cu

IP66 | 4² | IK07 | 450V AC | 450V DC

Technical Data

electrical characteristics

Rated insulation voltage AC:	450 V
Rated insulation voltage DC:	450 V
Min. conductor cross section:	0,2 mm²
Max. conductor cross section:	4 mm²
Protection class:	II
Type of protection:	IP66
Rated current:	32 A
Terminal type:	screwless
Number of poles:	5

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	127 mm
Length:	127 mm
Height:	70 mm
Inner length:	114 mm
Inner width:	114 mm
Inner height:	54 mm
Weight:	0.2405 kg

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	HB
Glow-wire flammability:	750 °C (EN 60695-2-11)

mechanical properties

for sealing range min:	4 mm
for sealing range max:	28 mm
Impact strength:	IK07
Sealable:	yes
Cover screw torque:	1.2 Nm
Type of fastening:	Wall/ceiling mounting
Fastening:	internal fixing points

Ambient conditions

max. relative humidity 25°C:	95 %
max. relative humidity 40°C:	50 %
Min. ambient temperature:	-25 °C
Max. ambient temperature:	55 °C
24h ambient temperature:	35 °C
Installation location:	protected outdoor areas

Sales Information

EAN:	4013902661329
ETIM Class:	EC002600
Custom tariff number:	85369095
Minimum order quantity:	1

Material

Base unit material:	Polypropylene
Cover material:	Polypropylene
Entry material:	Thermoplastic elastomer
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))
Test mark:	DLG (Ammonia resistance)

Accessories

89500101 - Abox PST 025-100 - Sealing kit

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

26042001 - DMS M20 - Double-membrane seals

26042501 - DMS M25 - Double-membrane seals

26043201 - DMS M32 - Double-membrane seals

89602001 - MABF 100-1 - Mast/pipe fixing set

89602901 - KTB 1-100 - Cable tray fastening

Cable gland

