

Junction box

## Abox 025/2 AB-L/sw

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Junction box

Productnumber: 80200301

Dimensions: 152 x 87 x 52 mm

Junction box, protection class IP66, nominal cross-section 2.5 mm<sup>2</sup>, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), self-sealing, soft insertion membranes, M20, sealing range 4 - 16 mm, (2 rear, 10 side), external fixing lugs, for standard indoor and protected outdoor installations

**black, Ui=1000 V AC, without terminals**



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	1000 V
Rated insulation voltage DC:	1000 V
Max. conductor cross section:	2,5 mm²
Protection class:	II
Type of protection:	IP66
Terminal type:	none

### Colours

Base unit colour:	black
Cover colour:	black

### Dimensions

Width:	152 mm
Length:	87 mm
Height:	52 mm
Inner length:	75 mm
Inner width:	140 mm
Inner height:	36 mm

### Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	HB
Glow-wire flammability according to EN 60695-2-11:	750 °C
Industry quality:	no

### mechanical properties

for sealing range min:	4 mm
for sealing range max:	16 mm

### mechanical properties

Impact strength:	IK07
Sealable:	yes
Cover screw torque:	1.2 Nm
Type of fastening:	Wall/ceiling mounting
Fastening:	external fixing lugs

### 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

### Material

Base unit material:	Polypropylene
Cover material:	Polypropylene
Entry material:	Thermoplastic elastomer
Sealing material:	Thermoplastic elastomer
Cover screw material:	Stainless steel V2A

### Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))
Test mark:	DLG (Ammonia resistance)

## Accessories

[22702001 - KVR M20-MGM/sw - Cable gland](#)

[22702101 - KVR M20-GDB/MGM/sw - Cable gland](#)

[26002001 - DMS M20/sw - Double-membrane seals](#)

[89500101 - Abox PST 025-100 - Sealing kit](#)

[89500201 - Abox TW 025/2 - Partition wall](#)

[89520301 - Abox 025/2 TS15 - Standard rail](#)

[89600201 - Abox 025/040 KH 2273 2,5<sup>2</sup> - Terminal holder](#)

[89600301 - Abox 025/040 KH 221 4<sup>2</sup> - Terminal holder](#)

[89640401 - Abox 025/040 KLS-2,5<sup>2</sup>/4<sup>2</sup> - Terminal block](#)

[89601001 - MABF 65-1 - Mast/pipe fixing set](#)

[89602001 - MABF 100-1 - Mast/pipe fixing set](#)

## Cable gland

