

Junction box

## Abox Pro 025 AB-2,5<sup>2</sup>

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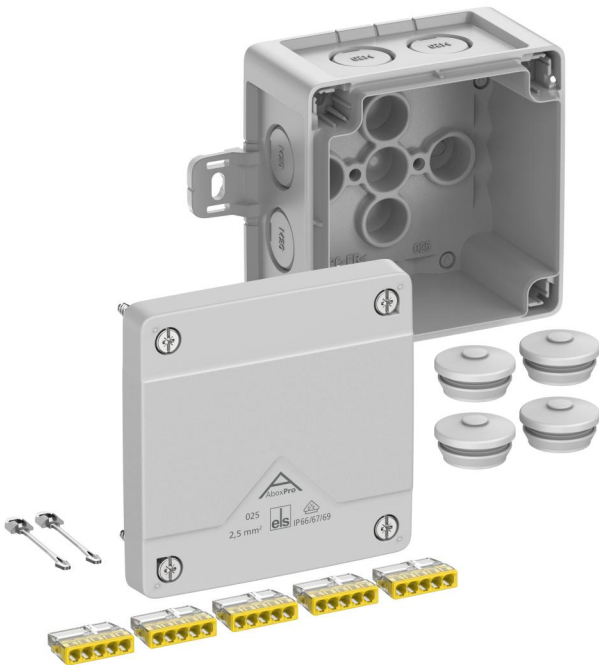
Productnumber: 40242101

Dimensions: 92 x 92 x 60 mm

Junction box, protection class IP66/IP67/IP69, nominal cross-section 2.5 mm<sup>2</sup>, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), DNV (Class: Ships and Offshore Installations), knockouts, M16/M20, (1 rear, 7 side), external fixing lugs, for installation in industrial environments and unprotected outdoor areas

**grey, U<sub>i</sub>=450 V AC, I<sub>n</sub>=24 A, with 5 screwless 5-wire terminal, Wago 2273-205, max. nominal cross-section in accordance with DIN EN 60998: 2.5 mm<sup>2</sup>, clampable cross-sections per pole: 5 x 0.5 - 2.5 mm<sup>2</sup> rigid Cu and Al (follow installation instructions)**

**Accessories supplied:  
4 double membrane seals IP66 M20 sealing range 7 - 13 mm, cover retainer**



## 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:	2,5 mm <sup>2</sup>
Protection class:	II
Type of protection:	IP66/IP67/IP69
Rated current:	24 A
Terminal type:	screwless
Number of poles:	5

### Colours

Base unit colour:	grey
Cover colour:	grey

### Dimensions

Width:	92 mm
Length:	92 mm
Height:	60 mm
Inner length:	78 mm
Inner width:	78 mm
Inner height:	40 mm
Weight:	0.1797 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
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:	-35 °C
Max. ambient temperature:	60 °C
24h ambient temperature:	60 °C
Installation location:	unprotected outdoor areas

### Sales Information

EAN:	4013902662371
Packing Unit Code:	C62
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))
Test mark:	DLG (Ammonia resistance)
Test mark:	DNV (Class: Ships and Offshore Installations)

## Accessories

[22741601 - KVR M16-MGM - Cable gland](#)

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

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

[26041601 - DMS M16 - Double-membrane seals](#)

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

[89520201 - Abox 025 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](#)

[89600901 - KTB 1 - Fastening parts kit](#)

## Cable gland

