

Junction box

## Abox 040-4<sup>2</sup>



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Junction box

Productnumber: 80442001

Dimensions: 102 x 102 x 57 mm

Junction box, protection class IP66, nominal cross-section 4 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/M25, sealing range 4 - 21 mm, (1 rear, 10 side), internal fixing points, for standard indoor and protected outdoor installations

**grey, U<sub>i</sub>=400 V AC, I<sub>n</sub>=32 A, with 5 screwless 4-wire terminals, Wago 773-604, max. nominal cross-section in accordance with DIN EN 60998: 4 mm<sup>2</sup>, clampable cross-sections per pole: 4 x 1.5 - 4.0 mm<sup>2</sup> rigid Cu/Al (follow installation instructions)**



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	400 V
Rated insulation voltage DC:	400 V
Min. conductor cross section:	1,5 mm <sup>2</sup>
Max. conductor cross section:	4 mm <sup>2</sup>
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:	102 mm
Length:	102 mm
Height:	57 mm
Inner length:	90 mm
Inner width:	90 mm
Inner height:	49 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:	21 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:	4013902661411
Packing Unit Code:	C62
ETIM Class:	EC002600
Custom tariff number:	85369095

### Material

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

## Certificates

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

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Test mark: DLG (Ammonia resistance)

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## 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](#)

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

[89520401 - Abox 040 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**

