

Junction Box

## Abox-i m 040-4<sup>2</sup>/sw



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Junction Box

**CUSTOMIZABLE**

Productnumber: 50240401

Dimensions: 94 x 94 x 57 mm

Junction Box, with protection class IP66, Nominal cross-section 4 mm<sup>2</sup>, U<sub>i</sub>=690V AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), DNV (Class: Ships and Offshore Installations), Push-out membranes, M20/M25, (1 Rear, 8 Side), Internal fastening points, for installations in the industrial arena and protected outside areas

**black, with screw terminal, 5-pole - 2.5/4 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup> / 4 x 4<sup>2</sup>)**

**Accessories supplied:**

**4 Double-membrane seal IP66 M25 sealing area 9 - 16 mm**



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	4 mm <sup>2</sup>
Protection class:	II
Type of protection:	IP66
UL Type Rating:	not specified

### Colours

Base unit colour:	black
Cover colour:	black

### Dimensions

Width:	94 mm
Length:	94 mm
Height:	57 mm

### Material characteristics

suitable for exterior use:	yes
Industry quality:	yes
Halogen free:	yes
Flammability class according with UL94:	V2
Glow-wire flammability according to EN 60695-2-11:	960 °C

### mechanical properties

Type of fastening:	Wall/ceiling mounting
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	1.7 Nm

## 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

## Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate, glass-fibre reinforced
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

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

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

[22742501 - KVR M25-MGM - Cable gland](#)

[24742501 - KVR M25 - Cable gland](#)

[26012001 - DMS M20/w - Double-membrane seals](#)

[26012501 - DMS M25/w - Double-membrane seals](#)

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

[26042501 - DMS M25 - Double-membrane seals](#)

[84000401 - Abox 025/040 KLS-2,5<sup>2</sup>/4<sup>2</sup> - Terminal block](#)

[89001001 - Abox PST - Sealing kit](#)

[84000201 - Abox 025/040 KLH-SL 0,2/4<sup>2</sup> - Clamp mount](#)

## Cable gland

