

Junction box

## Abox XT 025-2,5<sup>2</sup>

This product is outdated. To the successor product: <https://www.spelsberg.com/p/40246001>



## Abox XT 025-2,5<sup>2</sup>

Junction box

CUSTOMIZABLE

Productnumber: 49240201

Dimensions: 82 x 82 x 52 mm

Junction box, protection class IP68, nominal cross-section 2.5 mm<sup>2</sup>, U<sub>i</sub>=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22) & DIN VDE V 0606-22-100), knockouts, M20, (1 rear, 7 side), internal fixing points, with screw terminals for encapsulation, for assembly in flooded areas and in the ground without traffic loads,

**grey, I<sub>n</sub>=24 A, with screw terminal, 5-pole - 2.5 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup>)**

**Accessories supplied:**

**4 double membrane seals IP66 M20 sealing range 7 - 12 mm, 2 sealing plugs M20, 1 attachment bush M20, 1 cast resin bag GHB1 with filling funnel**



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	2,5 mm <sup>2</sup>
Protection class:	II
Type of protection:	IP68
UL Type Rating:	not specified

### Colours

Base unit colour:	grey
Cover colour:	grey

### Dimensions

Width:	82 mm
Length:	82 mm
Height:	52 mm

### Material characteristics

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

### mechanical properties

Type of fastening:	Universal
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	1.7 Nm
Fastening:	internal fixing points

### Ambient conditions

Min. ambient temperature:	-35 °C
Max. ambient temperature:	80 °C
24h ambient temperature:	60 °C
Installation location:	unprotected outdoor areas

### Material

Base unit material:	Polycarbonate, glass-fibre reinforced
Cover material:	Polycarbonate, glass-fibre reinforced
Cover screw material:	Stainless steel V2A

### Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22) & DIN VDE V 0606-22-100)
------------	---

## Accessories

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

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

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

[23042001 - AST M20 - Attachment bushes](#)

[23142001 - VST M20 - Sealing plugs](#)

## Cable gland

