

Junction box

Abox-i 025-2,5²

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Abox-i 025-2,5²

Junction box

CUSTOMIZABLE

Productnumber: 49040201

Dimensions: 80 x 80 x 52 mm

Junction box, protection class IP65, nominal cross-section 2.5 mm², U_i=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), DNV (Class: Ships and Offshore Installations), self-sealing, soft insertion membranes, M20, sealing range 2 - 16 mm, (1 rear, 7 side), internal fixing points, for installations in industrial environments and protected outdoor areas

grey, I_n=24 A, with screw terminal, 5-pole - 2.5 mm² (4 x 1.5² / 4 x 2.5²)



The Spelsberg Abox weather-resistant junction boxes with and without terminals from 1.5 to 240 mm² are extremely impact and break-resistant. They are designed for use in extreme conditions and can be used with a red cover if preferred for identification of safety lighting electric circuits.

Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	2,5 mm ²
Protection class:	II
Type of protection:	IP65
UL Type Rating:	not specified

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	80 mm
Length:	80 mm
Height:	52 mm

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	HB
Glow-wire flammability according to EN 60695-2-11:	650 °C
Industry quality:	yes

mechanical properties

for sealing range min:	2 mm
for sealing range max:	16 mm
Type of fastening:	Wall/ceiling mounting
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	1.7 Nm

mechanical properties

Fastening:	internal fixing points
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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
Installation location:	protected outdoor areas

Material

Base unit material:	ASA-PC
Cover material:	ASA-PC
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](#)

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

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

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

[19202001 - KS M20 - Combi set](#)

[26202001 - BST M20/sw - Ventilation seal](#)

[26242001 - BST M20 - Ventilation seal](#)

[84000401 - Abox 025/040 KLS-2,5²/4² - Terminal block](#)

[84000201 - Abox 025/040 KLH-SL 0,2/4² - Terminal holder](#)

Cable gland

