Junction box

Abox-i 025-2,5²

This product is outdated. To the successor product: https://www.spelsberg.com/p/40242001

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

IP65 | 2,5² | IK08 | 690V AC

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.

Created at 12.10.2024. All statements without guarantee. We reserve the right to make improvements to technical progress.
Günther Spelsberg GmbH + Co. KG
Im Gewerbepark 1 · D-58579 Schalksmühle · Telefon: +49 (0) 23 55 / 892-0 · Telefax: +49 (0) 23 55 / 892-299

Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	2,5 mm²
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
Weight:	0.1092 kg

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

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

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

Sales Information

EAN:	4013902152322
Packing Unit Code:	C62
ETIM Class:	EC002600
Custom tariff number:	85369095

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)

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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

89001001 - Abox PST - Sealing kit

84000201 - Abox 025/040 KLH-SL 0,2/4² - Terminal holder

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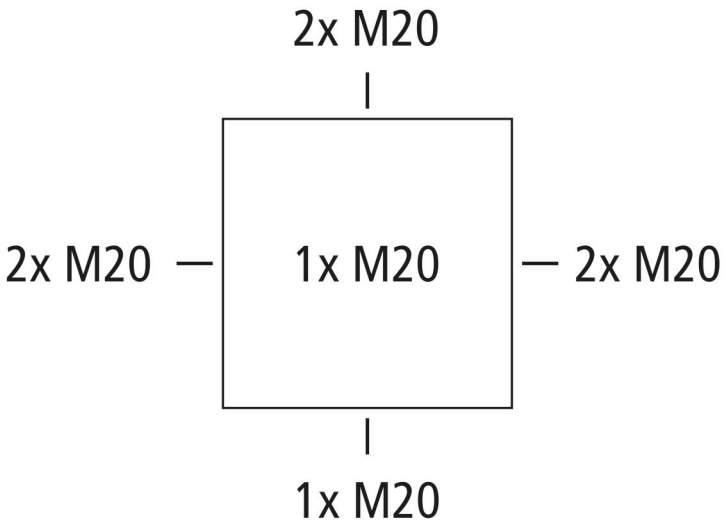
Cable gland



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