Junction box

Abox-i m 025 AB-2,5²

This product is outdated. To the successor product: https://www.spelsberg.com/p/40242101

Abox-i m 025 AB-2,5²

Junction box

CUSTOMIZABLE

Productnumber: 49940201
Dimensions: 82 x 82 x 52 mm

Junction box, protection class IP66, 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), knockouts, M20, (1 rear, 7 side), external fixing lugs, 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)

Accessories supplied:
4 Double-membrane seal IP66 M20 sealing range 7 - 12 mm

IP66 | 2,5² | IK08 | 690V AC

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:	IP66
UL Type Rating:	not specified

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	82 mm
Length:	82 mm
Height:	52 mm
Weight:	0.138 kg

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

mechanical properties

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

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:	4013902532520
Packing Unit Code:	C62
ETIM Class:	EC002600
Custom tariff number:	85369095

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)

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Accessories

20842001 - GMU PA M20 - Lock nut

22742001 - KVR M20-MGM - Cable gland

22742101 - KVR M20-GDB/MGM - Cable gland

24742001 - KVR M20 - Cable gland

24742101 - KVR M20-GDB - Cable gland

26012001 - DMS M20/w - Double-membrane seals

26042001 - DMS M20 - Double-membrane seals

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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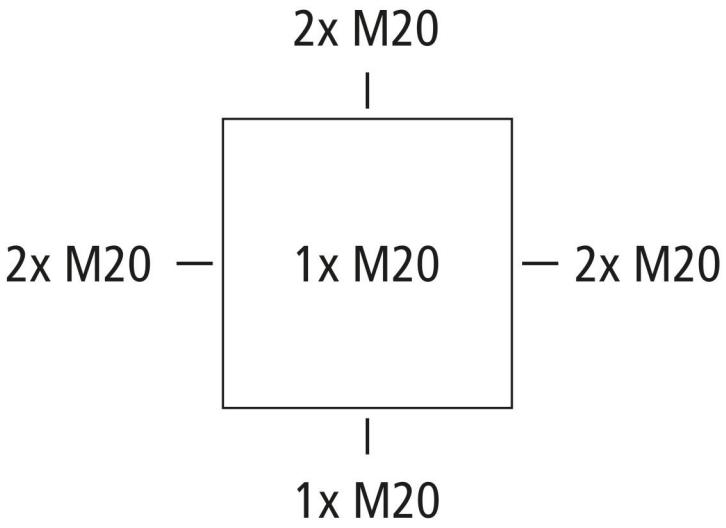
Cable gland



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