Junction box

Abox-i 160-16²/sw

This product is outdated. To the successor product: https://www.spelsberg.co.uk/p/41602001

Abox-i 160-16²/sw

Junction box

CUSTOMIZABLE

Productnumber: 49141601
Dimensions: 180 x 180 x 91 mm

Junction box, protection class IP65, nominal cross-section 16 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/M25/M32/M40, (2 rear, 10 side), internal fixing points, for installations in industrial environments and protected outdoor areas

black, with raised screw terminal, 5-pole - 16 mm² (4 x 6² / 4 x 10² / 4 x 16²)

Accessories supplied:
1 Sealing kit

IP65 | 16² | IK08 | 690V AC

Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	16 mm²
Protection class:	II
Type of protection:	IP65
UL Type Rating:	not specified

Colours

Base unit colour:	black
Cover colour:	black

Dimensions

Width:	180 mm
Length:	180 mm
Height:	91 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:	Wall/ceiling mounting
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	1.7 Nm
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

Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate, glass-fibre reinforced
Sealing material:	Polyurethane
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)

Created at 09.05.2024. All statements without guarantee. We reserve the right to make improvements to technical progress.
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Accessories

22702001 - KVR M20-MGM/sw - Cable gland

22702501 - KVR M25-MGM/sw - Cable gland

22703201 - KVR M32-MGM/sw - Cable gland

22704001 - KVR M40-MGM/sw - Cable gland

26002001 - DMS M20/sw - Double-membrane seals

26002501 - DMS M25/sw - Double-membrane seals

26003201 - DMS M32/sw - Double-membrane seals

19202001 - KS M20 - Combi set

84001601 - Abox 160 KLS-16² - Terminal block

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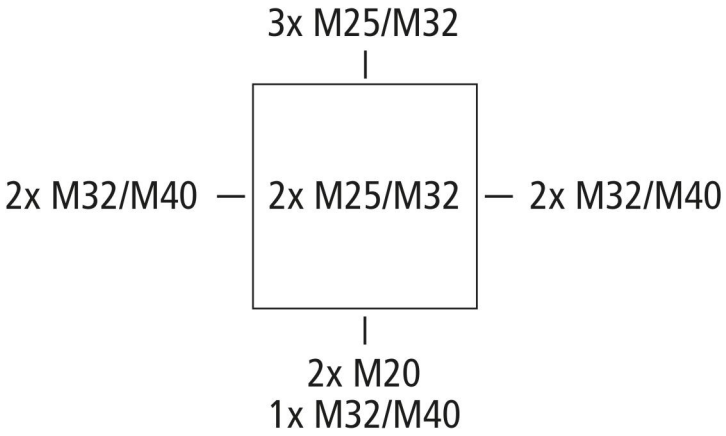
Cable gland



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