Junction box

Abox-i 700-70²/5



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Junction box

Productnumber: 49047101
Dimensions: 440 x 320 x 179 mm

Junction box, protection class IP65, nominal cross-section 70 mm², Ui=690 V AC, knockouts, M16/M20/M25/M32/M40/M50, (24 side), internal fixing points, for installations in industrial environments and protected outdoor areas

grey, with screw terminal, 5-pole - 70² (16-70²)

Created at 04.06.2026. All statements without guarantee. We reserve the right to make improvements to technical progress.
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Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	70 mm²
Protection class:	II
Type of protection:	IP65
Number of poles:	5
UL Type Rating:	not specified

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	440 mm
Length:	320 mm
Height:	179 mm
Weight:	5.591 kg

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Glow-wire flammability:	960 °C (EN 60695-2-11)

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

Sales Information

EAN:	4013902641949
ETIM Class:	EC002600
Custom tariff number:	85369095
Minimum order quantity:	1

Material

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

Accessories

84007001 - Abox 700 KLS-70² - Terminal block

07303201 - GKE 32 - Cable entry

07304301 - GKE 43 - Cable entry

22742001 - KVR M20-MGM - Cable gland

22742101 - KVR M20-GDB/MGM - Cable gland

22742501 - KVR M25-MGM - Cable gland

22743201 - KVR M32-MGM - Cable gland

22744001 - KVR M40-MGM - Cable gland

22745001 - KVR M50-MGM - Cable gland

26012001 - DMS M20/w - Double-membrane seals

26012501 - DMS M25/w - Double-membrane seals

26042001 - DMS M20 - Double-membrane seals

26042501 - DMS M25 - Double-membrane seals

26043201 - DMS M32 - Double-membrane seals

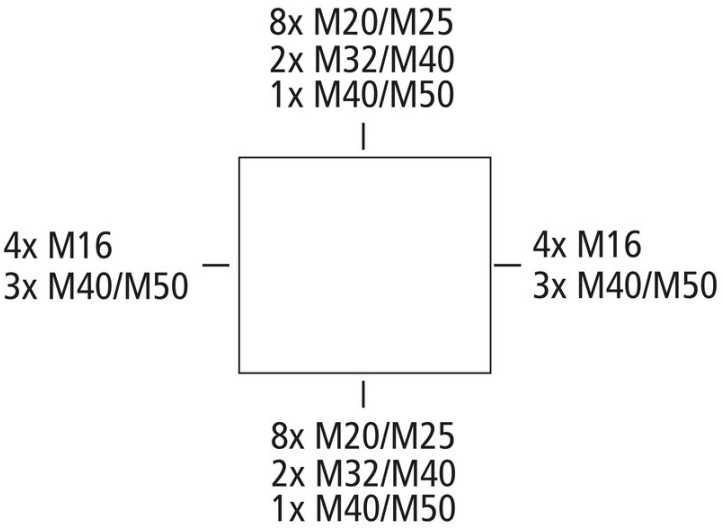
26044001 - DMS M40 - Double-membrane seals

26202001 - BST M20/sw - Ventilation seal

26242001 - BST M20 - Ventilation seal

79503001 - NS35-216/3 - Standard rail

Cable gland


8x M20/M25
2x M32/M40
1x M40/M50
4x M16
3x M40/M50
4x M16
3x M40/M50
8x M20/M25
2x M32/M40
1x M40/M50