Junction box

WKE 6 - 32 x 1,5²



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Junction box

Productnumber: 86853201
Dimensions: 200 x 250 x 120 mm

Junction box, protection class IP66, Ui=450 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Insulation integrity PH120 tested in accordance with EN 50200, M20/M25/M32/M40, (4 rear, 12 side), external fixing lugs, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder

orange, Connection box, 32-pole, 0.5 - 2.5 mm², junction box 32-pole 0.5 - 1.5 mm², number of clampable conductors per pole:
8 x 0.5² / 4 x 0.75² / 6 x 1² / 6 x 1.5² / 2 x 2.5²

Accessories supplied:
Cover retainer, screw anchors, 2 double membrane seals IP66 M20 sealing range 7 - 13 mm, 6 double membrane seals IP66 M25 sealing range 9 - 17 mm, 2 double membrane seals IP66 M40/4 sealing range 4 x 6 - 9 mm

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:	450 V
Rated insulation voltage DC:	450 V
Min. conductor cross section:	0,5 mm²
max. wire cross section (wire branching):	1,5 mm²
Min. conductor cross section:	0,5 mm²
Max. conductor cross section:	2,5 mm²
Protection class:	II
Type of protection:	IP66
secured junction:	no
Circuit integrity class:	E30/E60/E90
Number of poles (T-piece):	32
Number of poles (feed-through):	32
UL Type Rating:	other
Number of fuses in T-piece:	other

Colours

Base unit colour:	orange
Cover colour:	orange

Additional features

Range of application:	Communication wires

Dimensions

Width:	200 mm
Length:	250 mm
Height:	120 mm
Inner length:	235 mm
Inner width:	185 mm
Inner height:	102 mm
Weight:	1.667 kg

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	V0
Glow-wire flammability:	960 °C (EN 60695-2-11)

mechanical properties

Type of fastening:	Wall/ceiling mounting
Impact strength:	IK08
Sealable:	yes
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:	4013902631414
ETIM Class:	EC002600
Custom tariff number:	85369095
Minimum order quantity:	1

Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate
Sealing material:	Polyurethane
Cover screw material:	Stainless steel 1.4567 (V2A)

Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))
Test mark:	UL-EU (EN 62208)

Accessories

26062001 - DMS M20/or - Double-membrane seals

26062501 - DMS M25/or - Double-membrane seals

26063201 - DMS M32/or - Double-membrane seals

26063301 - DMS M32/4 or - Double-membrane seals

26064001 - DMS M40/or - Double-membrane seals

26064101 - DMS M40/4 or - Double-membrane seals

22762001 - KVR M20-MGM/or - Cable gland

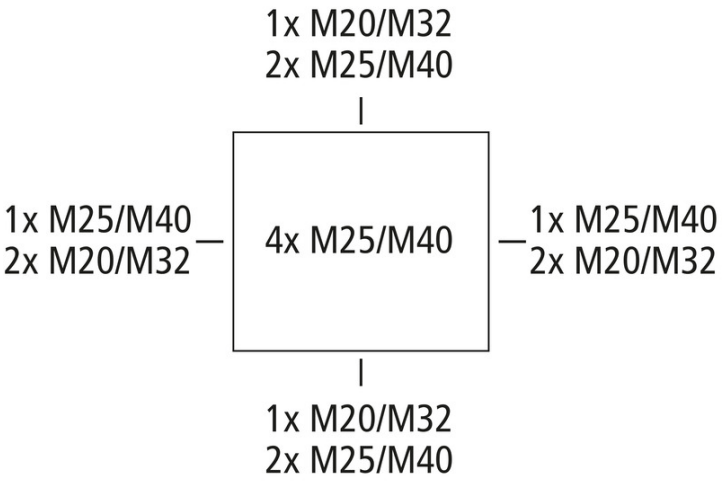
22762501 - KVR M25-MGM/or - Cable gland

22763201 - KVR M32-MGM/or - Cable gland

22764001 - KVR M40-MGM/or - Cable gland

86310001 - WKE BK 1 - Mounting plate

Cable gland


1x M20/M32
2x M25/M40
1x M25/M40
2x M20/M32
4x M25/M40
1x M25/M40
2x M20/M32
1x M20/M32
2x M25/M40