Junction box

WKE 6 T 1D01



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Junction box

Productnumber: 86963101
Dimensions: 200 x 250 x 120 mm

Junction box, protection class IP66, Ui=450 V AC, certified by UL-EU (EN 62208), UL-EU (EN 61439-1/-2), knockouts, M20/M25/M32/M40, (4 rear, 12 side), external fixing lugs, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Pressure and suction-tight according to Gotthard guideline. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder, quick assembly thanks to external fixing lug made of stainless steel 1.4571. Cover screws made of stainless steel 1.4578.

orange, Connection box 5-pole 1.5 - 16 mm², junction box 3-pole 1.5 - 10 mm², fuse in branch 1 x socket D01 (without insert), number of clamped wires per terminal point 5 x 1.5² / 4 x 2.5² / 2 x 4² / 2 x 6² / 1 x 10² / 1 x 16²

Accessories supplied:
2 x cable gland M40, sealing range 16 - 28 mm, 1 x cable gland M32, sealing range 11 - 21 mm, each 1 x double membrane seals M32 and M40 for sealing accidentally opened knockouts.

Technical Data

electrical characteristics

Rated insulation voltage AC:	450 V
Rated insulation voltage DC:	450 V
Min. conductor cross section:	1,5 mm²
max. wire cross section (wire branching):	4 mm²
Min. conductor cross section:	1,5 mm²
Max. conductor cross section:	16 mm²
Min. conductor cross section:	0,5 mm²
Protection class:	II
Type of protection:	IP66
secured junction:	yes
Circuit integrity class:	E30/E60/E90
Number of poles (T-piece):	3
Number of poles (feed-through):	5
UL Type Rating:	other
Number of fuses in T-piece:	1

Colours

Base unit colour:	orange
Cover colour:	orange

Additional features

Range of application:	Fused T-piece

Dimensions

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

Dimensions

Weight:	2.04 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

Impact strength:	IK08
Sealable:	yes
Type of fastening:	Wall/ceiling mounting
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:	4013902652303
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 1.4578 (V4A)

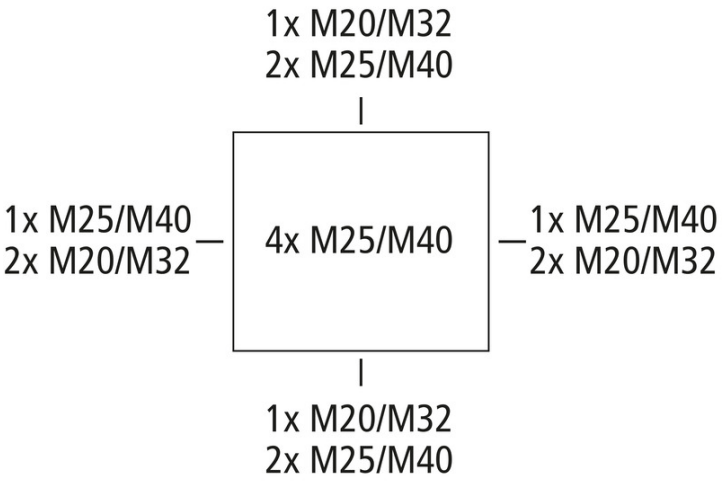
Certificates

Test mark:	UL-EU (EN 62208)
Test mark:	UL-EU (EN 61439-1/-2)

Accessories

- 26062001 - DMS M20/or - Double-membrane seals
- 26062501 - DMS M25/or - Double-membrane seals
- 26063201 - DMS M32/or - Double-membrane seals
- 26064001 - DMS M40/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