

Junction box

## WKE 1 - 5 x 2,5<sup>2</sup>



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**Junction box**

Productnumber: 86010301

Dimensions: 100 x 100 x 50 mm

Junction box, protection class IP54/IP65, nominal cross-section 2.5 mm<sup>2</sup>, Ui=450 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), knockouts, M25, (6 side), external fixing lugs, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermosetting plastic, terminals made of special high-temperature-resistant ceramic.

**orange, Connection box 5-pole 0.5 - 2.5 mm<sup>2</sup>, junction box 5-pole 0.5 - 1.5 mm<sup>2</sup>, number of clampable wires per pole: 8 x 0.5<sup>2</sup> / 4 x 0.75<sup>2</sup> / 6 x 1<sup>2</sup> / 6 x 1.5<sup>2</sup> / 2 x 2.5<sup>2</sup>**

**Accessories supplied:**

**4 off IP54 attachment bushes M25, sealing range 9 - 18.5 mm, 1 off IP54 sealing plug M25, sealing range 9 - 18.5 mm, Wall + ceiling attachment set D6**



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	450 V
Rated insulation voltage DC:	450 V
Max. conductor cross section:	2,5 mm <sup>2</sup>
Protection class:	II
Type of protection:	IP54/IP65
Circuit integrity class:	E30/E60/E90
UL Type Rating:	not specified

### Colours

Base unit colour:	orange
Cover colour:	orange

### Dimensions

Width:	100 mm
Length:	100 mm
Height:	50 mm

### Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	V0
Glow-wire flammability according to EN 60695-2-11:	960 °C
Industry quality:	no

### mechanical properties

Type of fastening:	Wall/ceiling mounting
Sealable:	yes
Fastening:	external fixing lugs

### Ambient conditions

max. relative humidity 25°C:	95 %
max. relative humidity 40°C:	50 %
Min. ambient temperature:	-25 °C
Max. ambient temperature:	40 °C
24h ambient temperature:	35 °C
Installation location:	Indoors

### Material

Base unit material:	Duroplast
Cover material:	Duroplast
Sealing material:	Thermoplastic elastomer
Cover screw material:	Stainless steel V2A

### Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))
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## Accessories

[22762001 - KVR M20-MGM/or - Cable gland](#)

[22762501 - KVR M25-MGM/or - Cable gland](#)

[23062501 - AST M25/or - Attachment bushes](#)

[23162501 - VST M25/or - Sealing plugs](#)