

Junction box

# WKE 54

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## WKE 54

Junction box

**CUSTOMIZABLE**

Productnumber: 86025401

Dimensions: 278 x 208 x 107 mm

Junction box, with protection class IP66/IP67,  $U_i=690V$  AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), VDE (DIN EN 61439-1/-2 (VDE 0660-600-1/-2)), M32/M40, (3 Side), External fastening points, 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, 1.5 - 16 mm<sup>2</sup>, junction box 5-pole 1.5 - 10 mm<sup>2</sup>, number of clampable wires per pin: 20 x 1.5<sup>2</sup> / 16 x 2.5<sup>2</sup> / 12 x 4.0<sup>2</sup> / 8 x 6<sup>2</sup> / 4 x 10<sup>2</sup> / 4 x 16<sup>2</sup>, 2 safety sockets D01 max. 16 A**

**Accessories supplied:**

**2 off cable glands M40, sealing area 16 - 28 mm, 1 off cable gland M32, sealing area 11 - 21 mm**



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	690 V
Rated insulation voltage DC:	690 V
Min. conductor cross section:	1,5 mm <sup>2</sup>
max. wire cross section (wire branching):	4 mm <sup>2</sup>
Min. conductor cross section:	1,5 mm <sup>2</sup>
Max. conductor cross section:	16 mm <sup>2</sup>
Protection class:	II
Type of protection:	IP66/IP67
secured junction:	yes
Circuit integrity class:	E30/E60/E90
Number of poles (T-piece):	3
Number of poles (feed-through):	5
UL Type Rating:	not specified
Number of fuses in T-piece:	2

### Colours

Base unit colour:	orange
Cover colour:	orange

### Additional features

Range of application:	Fused T-piece
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### Dimensions

Width:	278 mm
Length:	208 mm
Height:	107 mm

### Material characteristics

UV-resistant:	yes
Halogen free:	yes

### Material characteristics

Flammability class according with UL94:	V0
Glow-wire flammability according to EN 60695-2-11:	960 °C
Industry quality:	yes

### mechanical properties

Type of fastening:	Wall/ceiling mounting
Impact strength:	IK07
Sealable:	no
Cover screw torque:	1.5 Nm

### 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:	protected outdoor areas

### Material

Base unit material:	Duroplast
Cover material:	Duroplast

### Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))
Test mark:	VDE (DIN EN 61439-1/-2 (VDE 0660-600-1/-2))

## Accessories

[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](#)

## Cable gland

