

Junction box

## WKE 6 - Duo 3 x 16<sup>2</sup>



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Junction box

Productnumber: 86760001

Dimensions: 200 x 250 x 120 mm

Junction box, protection class IP66,  $U_i=450$  V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), 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. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder

**orange, Connection box, 3-pole, 1.5 - 16 mm<sup>2</sup>, junction box 3-pole 1.5 - 16 mm<sup>2</sup>, number of clampable wires per pole: 20 x 1.5<sup>2</sup> / 16 x 2.5<sup>2</sup> / 12 x 4<sup>2</sup> / 8 x 6<sup>2</sup> / 4 x 10<sup>2</sup> / 4 x 16<sup>2</sup>**

**Accessories supplied:**

**Cover retainer, screw anchors, 3 double membrane seals IP66 M32 sealing range**

**13 - 21 mm, 3 double membrane seals IP66 M40 sealing range 17 - 28 mm**



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	450 V
Rated insulation voltage DC:	450 V
Min. conductor cross section:	1,5 mm <sup>2</sup>
max. wire cross section (wire branching):	16 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
secured junction:	no
Circuit integrity class:	E30/E60/E90
Number of poles (T-piece):	3
Number of poles (feed-through):	3
UL Type Rating:	other
Number of fuses in T-piece:	0

### Colours

Base unit colour:	orange
Cover colour:	orange

### Additional features

Range of application:	Connectors and T-pieces
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### Dimensions

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

### 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

### Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate
Sealing material:	Polyurethane
Cover screw material:	Stainless steel 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](#)

[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

