

Cable junction box

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

This product is outdated. To the successor product: <https://www.spelsberg.com/p/86740001>



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

Cable junction box

CUSTOMIZABLE

Productnumber: 86140001

Dimensions: 100 x 100 x 50 mm

Cable junction box, with protection class IP54/IP65, Nominal cross-section 6 mm<sup>2</sup>, Ui=450V AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), Push-out membranes, M25, (6 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 3-pole 0.5 - 6 mm<sup>2</sup>, junction box 3-pole 0.5 - 6 mm<sup>2</sup>, number of clampable wires per pin: 16 x 0.5<sup>2</sup> / 8 x 0.75<sup>2</sup> / 12 x 1<sup>2</sup> / 12 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup> / 4 x 4<sup>2</sup> / 4 x 6<sup>2</sup>**

**Accessories supplied:**

**4 off IP54 attachment bushes M25, 1 off IP54 sealing plug M25, sealing area 9 - 18.5 mm, Drilling template, D6 wall + ceiling attachment set**



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	450 V
Rated insulation voltage DC:	450 V
Max. conductor cross section:	6 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

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

### mechanical properties

Type of fastening:	Wall/ceiling mounting
Sealable:	no
Cover screw torque:	1.8 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

## 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](#)