

Cable junction box

WKE 3 - Duo 3 x 6² / 2 x 6²

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WKE 3 - Duo 3 x 6² / 2 x 6²

Cable junction box

CUSTOMIZABLE

Productnumber: 86171001

Dimensions: 115 x 115 x 66 mm

Cable junction box, with protection class IP54/IP65, Nominal cross-section 10 mm², Ui=450V AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), Push-out membranes, M32, (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 5-pole 0.5 - 6 mm², junction box 3-pole 0.5 - 6 mm², number of clampable wires per pin: 16 x 0.5² / 8 x 0.75² / 12 x 1² / 12 x 1.5² / 4 x 2.5² / 4 x 4² / 4 x 6², in 2-pole pass-through 8 x 0.5² / 4 x 0.75² / 6 x 1² / 6 x 1.5² / 2 x 2.5² / 2 x 4 / 2 x 6²

Accessories supplied:

4 off IP54 attachment bushes M32, sealing area 13 - 23 mm, 1 off IP54 sealing plug M32, sealing area 13 - 23 mm, Drilling template, D6 wall + ceiling attachment set, Sealing set



Technical Data

electrical characteristics

Rated insulation voltage AC:	450 V
Rated insulation voltage DC:	450 V
Max. conductor cross section:	10 mm ²
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:	115 mm
Length:	115 mm
Height:	66 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:	yes
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](#)

[22763201 - KVR M32-MGM/or - Cable gland](#)

[23062001 - AST M20/or - Attachment bushes](#)

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

[23063201 - AST M32/or - Attachment bushes](#)

[23162001 - VST M20/or - Sealing plugs](#)

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

[23163201 - VST M32/or - Sealing plugs](#)