



## FK 0404



- with terminals made from ceramic with resistance to high temperatures
- Dimensions H x W x D: 104 x 104 x 70 mm
- with metric knockouts

### ELECTRICAL PROPERTIES

Rated insulation voltage:

$U_i = 400 \text{ V}$

Rated current:

$I_n = 57 \text{ A}$

Functional integrity:

E30, E90

Approved cable manufacturers:

Dätwyler, Eupen

Insulation integrity:

PH120

Insulation integrity in accordance with BS EN 50200 in connection with insulation retaining cables

### CONNECTION DATA

Terminal cross-section:

Maximum number of conductors clamping units each	Conductor cross-section min.	Conductor cross-section max.	Conductor cross section	Conductor type	Conductor material
4	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	solid, stranded, flexible	round	Cu
2	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	solid, stranded, flexible	round	Cu
1	4 mm <sup>2</sup>	6 mm <sup>2</sup>	solid, stranded, flexible	round	Cu
1	10 mm <sup>2</sup>	10 mm <sup>2</sup>	solid	round	Cu

The wire protection must be removed from the terminals to connect the maximum solid conductor cross-section.

Number of clamping units per pole:	2
Connection type:	Screw connection
Ferrule required for flexible conductors:	No
Dismantling length:	7 mm
Tightening torque of the terminal:	1.2 Nm

## CABLE ENTRIES

Cable entries:

Number of cable entries	Type of cable entry	Size of the metric knockouts	Location of cable entry
7	metric knockouts	M20, M25	wall

## MECHANICAL PROPERTIES

Type of lid fastening:	Quick locking: Opening and closing by quarter turn, locked position well visible (open - locked)
Delivered accessories:	Screw anchor
IP degree of protection:	IP66
	IP degree of protection of the included Grommets 3x EDKF 25:
Impact strength:	IP65, sealing range
Sealable without accessories:	IK09
Substrate wall mounting:	Yes
	IP65, sealing range
	Concrete C20/C25, Solid lime sandstone KSV 12, Brick MZ 12, Clinker KS 12

## AMBIENT CONDITIONS

Application area:	Indoor installation
Maximum ambient temperature 24 h:	35 °C
Ambient temperature:	-25 °C up to +40 °C
Relative humidity:	≤ 50 % at 40 °C, ≤ 100 % at 25 °C

## MATERIAL PROPERTIES

Material:	Polycarbonate
Halogen-free:	Yes
Silicone-free:	Yes

## DIMENSIONS

Height:	104 mm
Width:	104 mm
Depth:	70 mm
Net weight:	0.418 kg

## COLOURS

Colour:	Orange, similar to RAL 2003
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## CERTIFICATES

conforming to the standards:	DIN EN 60670-1/-22, IEC 60670-1/-22
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Certificates:
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Type of certificate	Certificate number
AbP	P-MPA-E-15-018

## SALES DATA

Product number:	62000181
EAN:	4012591126034
Pack unit:	1
Customs tariff number:	85369010
ETIM class:	DYNAMIC: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-8.0: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-7.0: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-6.0: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-5.0: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-4.0: EC002600 - Box/housing for surface mounting on the wall/ceiling

## NOTE

When using the enclosed concrete anchors and sealing rings in conjunction with the metal mounting plate, the specified protection class is not changed.

When using the sealing plugs supplied, the specified protection class is not changed.

## TENDER TEXT

Nominal cross-section: Branch 1.5-2.5 mm<sup>2</sup>, connection 1.5-4 mm<sup>2</sup>, dimensions HxWxD 104 x 104 x 70 mm, Cable junction boxes in accordance with IEC 60670-22 with built-in connecting terminal, 5-pole. Tested for intrinsic fire resistance in accordance with DIN 4102 part 12 together with function-retaining cables from the manufacturers Dätwyler and Eupen according to the test certificates of the manufacturers. Functional integrity 30 minutes, classification E 30 or 90 minutes, classification E 90. Mounting via supplied anchors, certified for the fire protection. Suitable for indoor and protected outdoor installation in accordance with DIN VDE 0100, part 737. Degree of protection in accordance with IEC 60529: IP 66 with AKMF cable glands. Rated insulation voltage: 400 V. Material: PC thermoplastics, halogen- and silicone-free. Colour: RAL 2003, pastel orange. Lid fastening with quick fasteners, sealable without accessories. Make: HENSEL FK.

## DRAWINGS

