



FK 0402



- Cable junction box for functional integrity
- 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:	$I_n = 32 \text{ A}$
Functional integrity:	E30, E60, 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
2	0.5 mm ²	1.5 mm ²	solid, stranded, flexible	round	Cu
1	2.5 mm ²	2.5 mm ²	solid, stranded, flexible	round	Cu
1	4 mm ²	4 mm ²	solid, flexible	round	Cu
1	6 mm ²	6 mm ²	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:	6 mm
Tightening torque of the terminal:	0.5 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: IP65, sealing range
Impact strength:	IK09
Sealable without accessories:	Yes
Substrate wall mounting:	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: 0.371 kg

COLOURS

Colour: Orange, similar to RAL 2003

CERTIFICATES

conforming to the standards: DIN EN 60670-1/-22, IEC 60670-1/-22

Certificates:

Type of certificate	Certificate number
AbP	P-MPA-E-15-018

SALES DATA

Product number: 62000180
EAN: 4012591126027
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 mm², connection 1.5-2.5 mm², 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

