



## FK 1610



- Cable junction box for functional integrity
- with terminals made from ceramic with resistance to high temperatures
- Dimensions H x W x D: 155 x 210 x 92 mm
- with metric knockouts

### ELECTRICAL PROPERTIES

Rated insulation voltage:

$U_i = 400 \text{ V}$

Rated current:

$I_n = 57 \text{ A}$

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
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
10	metric knockouts	M25, M32, M40	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 32: 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: 155 mm  
Width: 210 mm  
Depth: 92 mm  
Net weight: 0.966 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: 62000184  
EAN: 4012591126058  
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

Cable junction boxes according to IEC 60670-22, with built-in connecting terminal, 5-pole. Tested for intrinsic fire resistance according to DIN 4102 part 12 together with function-retaining cables of the manufacturers: Dätwyler and Eupen according to the test certificates of cable manufacturers. Functional integrity (30 minutes, classification E 30 or 90 minutes, classification E 90) With fastenings approved for fire protection. Suitable for indoor installation (normal environment and/or protected outdoor) according to DIN VDE 0100, part 737. Degree of protection according to IEC 60529: IP 66. Rated insulation voltage: 400 V, DIN VDE 0110 Material: Thermoplastics, colour: RAL 3003, pastel orange. Manufacturer: HENSEL FK

, 5-pole terminal, nominal cross section: Branch 1.5-2.5 mm<sup>2</sup>, connection 1.5-10 mm<sup>2</sup>, dimensions HxWxD 155 x 210 x 92 mm

## DRAWINGS

