



KF 0404 B



- “Weatherproof” cable junction box
- with copper branch terminal
- Dimensions H x W x D: 104 x 104 x 70 mm
- with metric knockouts

ELECTRICAL PROPERTIES

Rated insulation voltage: $U_i = 690 \text{ V}$

Rated current: $I_n = 32 \text{ A}$

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 ²	1.5 mm ²	solid, stranded, flexible	round	Cu
3	2.5 mm ²	2.5 mm ²	solid, stranded, flexible	round	Cu
2	4 mm ²	4 mm ²	solid, stranded, flexible	round	Cu
1	6 mm ²	6 mm ²	solid, stranded, flexible	round	Cu

Number of clamping units per pole: 2

Connection type: Screw connection

Ferrule required for flexible conductors: No

Dismantling length: 10 mm
Tightening torque of the terminal: 0.7 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: External brackets, retaining strap, sealing plug

IP degree of protection: IP66, IP67, IP69
IP67: Temporary submersion up to 1 m / 30 min
IP69: Water pressure max. 100 bar, water temperature max. 80 °C, distance \geq 0.15 m

Impact strength: IK09

Sealable without accessories: Yes

AMBIENT CONDITIONS

To reduce the formation and accumulation of condensed water see technical information. "Formation of condensed water and retaliatory actions"

Application area: Outdoor installation

Maximum ambient temperature 24 h: 55 °C

Ambient temperature: -25 °C up to +70 °C

Relative humidity: \leq 50 % at 40 °C, \leq 100 % at 25 °C

MATERIAL PROPERTIES

Material: Polycarbonate

Glow wire test according to IEC 60695-2-11: 960 °C

UL 94: V-0

Temperature resistance: -25 °C up to +100 °C

Halogen-free: Yes

Silicone-free: Yes

Weatherproof: Yes (resistant to UV exposure due to solar radiation, ice and sea water, corrosion, temperature resistant, impact-resistant)

DIMENSIONS

Height: 104 mm
Width: 104 mm
Depth: 70 mm
Net weight: 0.17 kg

CERTIFICATES

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

Certificates:

Type of certificate	Certificate number
VDE	40041432
DNV GL	TAE00000EE

SALES DATA

Product number: 62000050
EAN: 4012591121787
Pack unit: 5
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 sealing plugs supplied, the specified protection class is not changed.

TENDER TEXT

Cable junction boxes in accordance with IEC 60670-22, with built-in connecting terminal and metric knockouts. Suitable for indoor and unprotected outdoor installation in accordance with DIN VDE 0100, part 737. For ambient temperatures maximum value +70 °C and minimum value -25 °C, with relative humidity of 50 % at +40 °C or 100 % at +25 °C. Material temperature resistance of -25 °C to +90 °C, burning behaviour according to IEC 60695-2-11 - glow wire test 960 °C, UL Subject 94 V-0. Degree of protection in accordance with IEC 60529: IP 66 / IP 67 / IP 69 with ASS cable glands. Degree of protection IP 69 up to 100 bar water pressure at a maximum of +80 °C water temperature and 0.15 m minimum distance, without cleaning additives. Rated insulation voltage: 690 V. Material: PC thermoplastics, weatherproof, halogen- and silicone-free. Colour: black, RAL 9011. Lid fastening with quick fasteners, sealable without accessories. Plug-in external brackets for wall mounting included. Make: HENSEL KF., Nominal cross-section: 1.5-4 mm², 5-pole terminal, dimensions HxWxD 104 x 104 x 70 mm

DRAWINGS

