



KF 1010 B



- “Weatherproof” cable junction box
- with copper branch terminal
- Dimensions H x W x D: 130 x 180 x 77 mm
- with metric knockouts

ELECTRICAL PROPERTIES

Rated insulation voltage:  $U_i = 690\text{ V}$   
Rated current:  $I_n = 63\text{ A}$

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
3	2.5 mm²	2.5 mm²	solid, stranded, flexible	round	Cu
2	4 mm²	10 mm²	solid, stranded, flexible	round	Cu
1	16 mm²	16 mm²	stranded, flexible	round	Cu

Number of clamping units per pole: 2  
Connection type: Screw connection

Ferrule required for flexible conductors:	No
Dismantling length:	11 mm
Tightening torque of the terminal:	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	M20, M25, M32	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:	130 mm
Width:	180 mm
Depth:	77 mm
Net weight:	0.388 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:	62000062
EAN:	4012591121909
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

## DRAWINGS



