



KF 1600 G



- without terminals
- Dimensions H x W x D: 155 x 210 x 92 mm
- with metric knockouts

ELECTRICAL PROPERTIES

Rated insulation voltage: $U_i = 1000\text{ V}$

CONNECTION DATA

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
2	metric knockouts	M32	bottom

MECHANICAL PROPERTIES

Type of lid fastening: Quick locking: Opening and closing by quarter turn, locked position well visible (open - locked)

Delivered accessories:	External brackets, sealing plug, 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 ≥ 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:	≤ 50 % at 40 °C, ≤ 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:	155 mm
Width:	210 mm
Depth:	92 mm
Net weight:	0.414 kg
Mounting height:	120 mm
Mounting width:	175 mm
Mounting depth:	76 mm

COLOURS

Colour:	Grey, similar to RAL 7035
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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: 62000063
EAN: 4012591121916
Pack unit: 2
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

Nominal cross-section: 16 mm², dimensions HxWxD 155 x 210 x 92 mm, Cable junction boxes in accordance with IEC 60670-22 with 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 AKM 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. Material: PC thermoplastics, weatherproof, halogen- and silicone-free. Colour: grey RAL 9035. Lid fastening with quick fasteners, sealable without accessories. Plug-in external brackets for wall mounting included. Make: HENSEL KF.

DRAWINGS

