

KF 1600 G

- “Weatherproof” cable junction box
- 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 V

CONNECTION DATA

CABLE ENTRIES

Cable entries:

Number of cable entries	Type of cable entry	Size of the metric knockouts	Position of cable entry
10	metric knockouts	M25, M32, M40	wall
2	metric knockouts	M32	bottom

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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
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

CERTIFICATES

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

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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

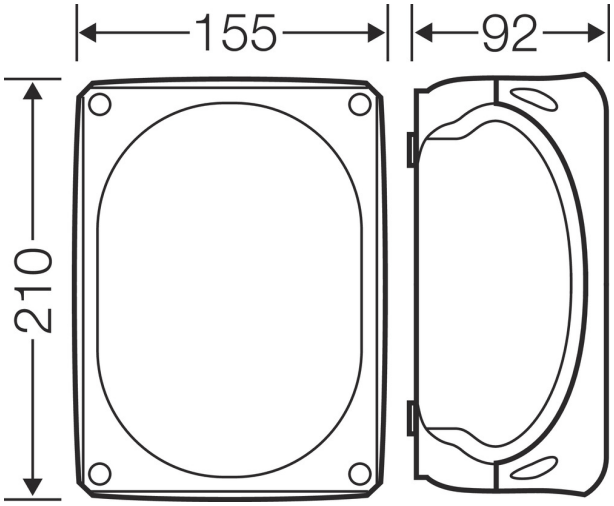
When using the sealing plugs supplied, the specified protection class is not changed.

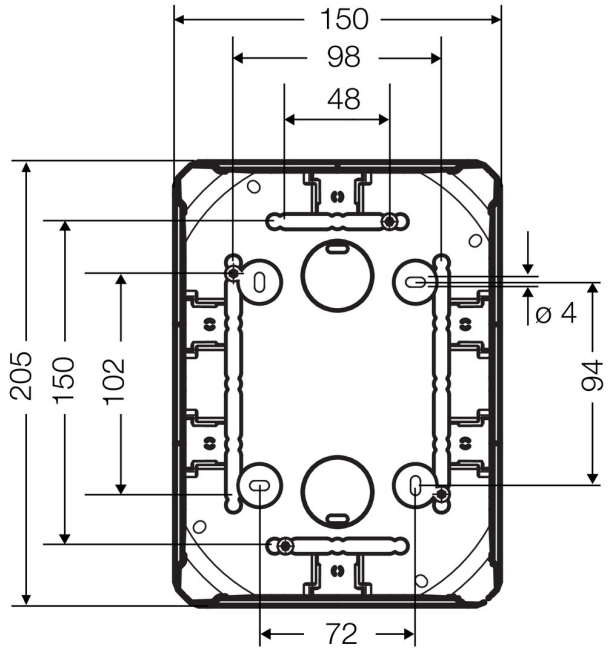
TENDER TEXT

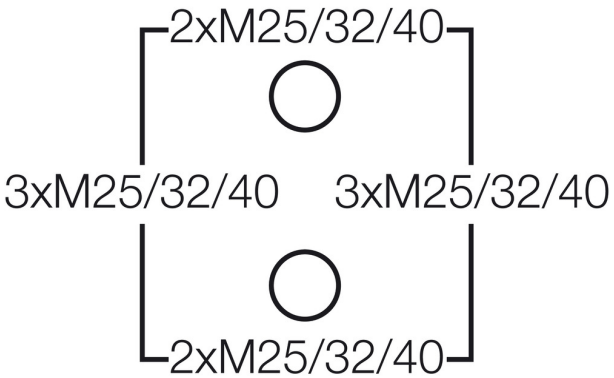
Cable junction boxes according to IEC 60670-22 with metric knockouts. Suitable for indoor and unprotected outdoor installation according to DIN VDE 0100, part 737. For ambient temperatures max. +70°C and min. -25°C, with relative humidity 50% at +40°C or 100% at +25°C. Material temperature resistance from -25°C to +90°C, flammability per VDE 0471, part 2 - glow wire test 960°C, UL Subject 94 V-0. Degree of protection per IEC 60529: IP 66 / IP 67 / IP 69 with plug-in AKM. Degree of protection IP 69 up to 100 bar water pressure at max +80°C water temperature, at least 0.15m distance, without cleaning additives. Material: PC thermoplastic, weather-resistant, halogen and silicone-free. Colour: grey, RAL 7035. Cover fixation by quick-release, sealable without accessories. Plug-in external brackets for wall mounting are included. Manufacturer: HENSEL KF.
Rated cross-section: 16 mm², dimensions HxWxD 155 x 210 x 92 mm

DRAWINGS

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