



## KF 0202 G



- “Weatherproof” cable junction box
- with copper branch terminal
- Dimensions H x W x D: 93 x 93 x 62 mm
- with metric knockouts

## ELECTRICAL PROPERTIES

Rated insulation voltage:

$U_i = 690 \text{ V}$

Rated current:

$I_n = 20 \text{ A}$

## 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	0.75 mm <sup>2</sup>	1 mm <sup>2</sup>	solid, stranded, flexible	round	Cu
3	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>	4 mm <sup>2</sup>	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:	0.5 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	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 ≥ 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:	93 mm
Width:	93 mm
Depth:	62 mm
Net weight:	0.141 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: 62000043  
EAN: 4012591121718  
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

Nominal cross-section: 0.75-2.5 mm<sup>2</sup>, 5-pole terminal, dimensions HxWxD 93 x 93 x 62 mm, 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 of 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 from -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 max. water temperature of +80 °C and 0.15 m minimum distance, without cleaning additives. Rated insulation voltage: 690 V. Material: PC thermoplastics, weatherproof, halogen- and silicone-free. Colour: grey, RAL 7035. Lid fastening with quick fasteners, sealable without accessories. Plug-in external brackets for wall mounting included. Make: HENSEL KF.

## DRAWINGS

