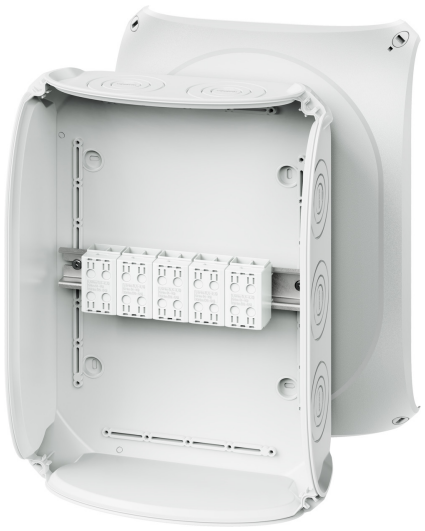
HENSEL



KF 5050 G

IP 66/67 69

50 mm²

- “Weatherproof” cable junction box
- with branch terminal
- dimensions H x W x D: 255 x 355 x 122 mm
- with metric knockouts

ELECTRICAL PROPERTIES

Rated insulation voltage:	U_i = 1000 V
Rated current:	I_n = 320 A Bei der Verwendung von Aluminiumleitern verringert sich der Bemessungsstrom auf 290 A.

CONNECTION DATA

Terminal cross-section:

Maximum number of conductors clamping units each	Conductor cross-section min.	Conductor cross-section max.	Conductor cross section	Conduc-tor type	Conductor material
1	1.5 mm²	50 mm²	solid, strand-ed, flexible	round, sector	Cu, Al

Bei der Verwendung von Aderendhülsen bei feindrähtigen Leitungen verringert sich der max. Anschlussquerschnitt auf 35 mm².

Number of clamping units per pole:	4
Connection type:	Screw connection
Ferrule required for flexible conductors:	No

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Dismantling length:	15 mm
Tightening torque of the terminal:	10 Nm Bei Querschnitten zwischen 4-10 mm² ist das Drehmoment auf 5 Nm zu reduzieren.
Leiter von vorne einlegbar:	Yes

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, M40, M63	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
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 +80 °C
Halogen-free:	Yes

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

DIMENSIONS

Height:	255 mm
Width:	355 mm
Depth:	122 mm
Net weight:	2.55 kg

CERTIFICATES

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

Certificates:

Type of certificate	Certificate number
DNV GL	TAE00000EE
RMRS	15.40040.250

SALES DATA

Product number:	62000079
EAN:	4012591122074
Pack unit:	1
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

Before connecting, aluminum conductors must be pre-treated according to the appropriate technical recommendations, see technical information aluminum conductors

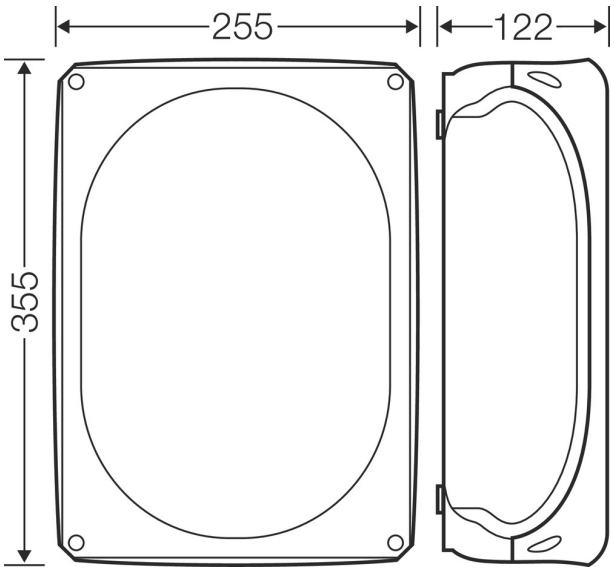
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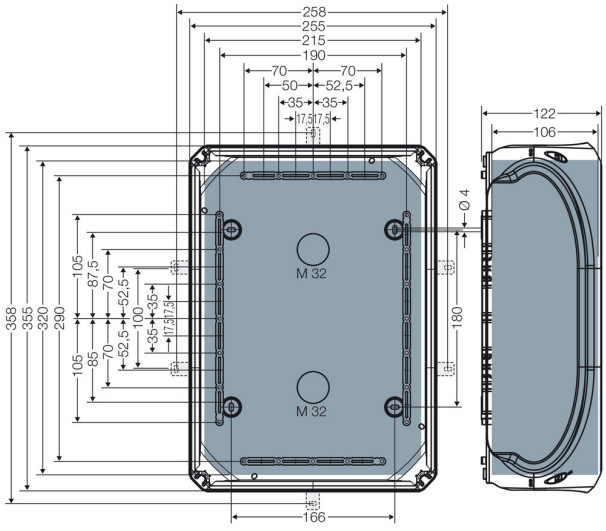
When using the sealing plugs supplied, the specified protection class is not changed.

TENDER TEXT

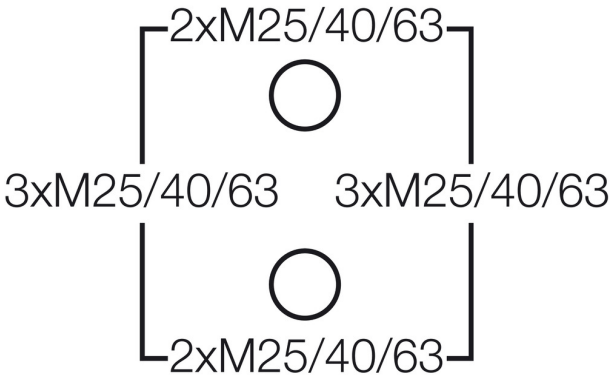
Cable junction boxes in accordance with IEC 60670-22 with built-in connecting terminal and metric knockouts. Suitable for indoor and unprotected outdoor installation in accordance with DIN VDE 0100, part 737. For ambient temperatures of maximum value +70 °C and minimum value -25°C, with relative humidity 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: 450 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.
Rated cross-section: 16-50 mm², 5-pole terminal, dimensions HxWxD 255 x 355 x 122 mm

DRAWINGS





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