



DK 1616 G

IP
66

16 mm²

- with copper branch terminal
- Dimensions H x W x D: 155 x 210 x 92 mm
- with metric knockouts

ELECTRICAL PROPERTIES

Rated insulation voltage:

$U_i = 690\text{ V}$

Rated current:

$I_n = 102\text{ A}$

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
1	35 mm ²	35 mm ²	stranded, flexible	round	Cu
2	16 mm ²	25 mm ²	stranded, flexible	round	Cu
3	6 mm ²	10 mm ²	solid, stranded, flexible	round	Cu

Number of clamping units per pole:

2

Connection type:

Screw connection

Ferrule required for flexible conductors:

No

Dismantling length:

16 mm

Tightening torque of the terminal: 3 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	M25, M32, M40	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, sealing plug
IP degree of protection:	IP66 IP degree of protection of the included Grommets 3x ESM 40: IP55, sealing range
Impact strength:	IK07
Sealable without accessories:	Yes

AMBIENT CONDITIONS

Application area:	Indoor installation
Maximum ambient temperature 24 h:	35 °C
Ambient temperature:	-25 °C up to +40 °C
Relative humidity:	≤ 50 % at 40 °C, ≤ 100 % at 25 °C

MATERIAL PROPERTIES

Material:	Polycarbonate
Glow wire test according to IEC 60695-2-11:	750 °C
UL 94:	V-2
Temperature resistance:	-25 °C up to +80 °C
Halogen-free:	Yes
Silicone-free:	Yes

DIMENSIONS

Height:	155 mm
Width:	210 mm

Depth:

Net weight:

92 mm

0.738 kg

COLOURS

Colour:

Grey, similar to RAL 7035

CERTIFICATES

conforming to the standards:

DIN EN 60670-1/-22, IEC 60670-1/-22

Certificates:

Type of certificate	Certificate number
VDE	40049684

SALES DATA

Product number:

EAN:

Pack unit:

Customs tariff number:

ETIM class:

62000014

4012591125068

2

85369010

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: 6-16 mm², 5-pole terminal, dimensions HxWxD 155 x 210 x 92 mm, Cable junction boxes in accordance with IEC 60670-22, with built-in connecting terminal and metric knockouts. Suitable for indoor and protected outdoor installation in accordance with DIN VDE 0100, part 737. For ambient temperatures maximum value +40 °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 +70 °C, burning behaviour according to IEC 60695-2-11 - glow wire test 750 °C, UL Subject 94 V-2. Degree of protection in accordance with IEC 60529: IP 66 with ADG cable glands. Rated insulation voltage: 690 V. Material: thermoplastics, 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 ENYCASE DK.

DRAWINGS



