



## WP 0606 G



- Cable junction box "Waterproof"
- with branch terminal
- dimensions H x W x D: 130 x 130 x 77 mm

### ELECTRICAL PROPERTIES

Rated insulation voltage:  $U_i = 690 \text{ V}$

Rated current:  $I_n = 40 \text{ A}$

Maximum number of conductors clamping units each	Conductor cross-section min.	Conductor cross-section max.	Conductor cross section	Conductor type	Conductor material
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>	6 mm <sup>2</sup>	solid, stranded, flexible	round	Cu
1	10 mm <sup>2</sup>	10 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:	12 mm
Tightening torque of the terminal:	1.5 Nm

## CABLE ENTRIES

Cable entries:

Number of cable entries	Type of cable entry	Size of the metric knockouts	Position of cable entry
7	metric knockouts	M20, M25, M32	wall
1	metric knockouts	M25	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, IP68, IP69 IP68: Permanent submersion, VDE-tested up to 20 m / 168 h IP69: water pressure max. 100 bar, water temperature max. 80 °C, distance ≥ 0.15 m
Impact strength:	IK09
Sealable without accessories:	Yes
Can be sealed:	Yes
Sealing compound supplied:	Yes

**AMBIENT CONDITIONS**

suitable for installation in ground without traffic loads

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:	130 mm
Width:	130 mm
Depth:	77 mm
Net weight:	1.26 kg

**CERTIFICATES**

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

Certificates:

Type of certificate	Certificate number
VDE	40045695

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

durability of sealing compound to processing  $\geq 12$  months at a storage temperature of 5 - 50 °C  
usable for heating cable / heating tape up to max. 70 °C surface temperature  
included sealing compound GH 0850 and sealing plugs for the metric knockout to be opened for encapsulating

When installing through the base of the box, the sealing plugs must be inserted so that the sealing compound remains in the box.

## TENDER TEXT

Cable junction boxes waterproof, for encapsulation, in accordance with DIN VDE V 0606-22-100, 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 maximum value +70 °C and minimum value -25 °C, with relative humidity of up to 100 %. 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 IP 68. Rated insulation voltage: 690 V. Material: PC thermoplastics, weatherproof, halogen- and silicone-free. Colour: grey, RAL 7035. Make: HENSEL WP.

Rated cross-section: 1.5-6 mm<sup>2</sup>, 5-pole terminal, dimensions HxWxD 130 x 130 x 77 mm

## DRAWINGS



