HENSEL



# KF 3500 G

IP 66/67 69 | 35 mm²

- “Weatherproof” cable junction box
- without terminals
- dimensions H x W x D: 225 x 295 x 122 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, M40, M50 | 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 |



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| | |
|---|---|
| IP degree of protection: | IP66, IP67, IP69<br>IP67: temporary submersion up to 1 m / 30 min<br>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 |
| Silicone-free: | Yes |
| Weatherproof: | Yes (resistant to UV exposure due to solar radiation, ice and sea water, corrosion, temperature resistant, impact-resistant) |

## DIMENSIONS

| | |
|---|---|
| Height: | 225 mm |
| Width: | 295 mm |
| Depth: | 122 mm |
| Net weight: | 1.018 kg |
| Mounting height: | 190 mm |
| Mounting width: | 260 mm |
| Mounting depth: | 106 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: | 62000073 |
| EAN: | 4012591122012 |
| Pack unit: | 1 |
| Customs tariff number: | 85369010 |
| ETIM class: | DYNAMIC: EC002600 - Box/housing for surface mounting on the wall/ceiling<br>ETIM-8.0: EC002600 - Box/housing for surface mounting on the wall/ceiling<br>ETIM-7.0: EC002600 - Box/housing for surface mounting on the wall/ceiling<br>ETIM-6.0: EC002600 - Box/housing for surface mounting on the wall/ceiling<br>ETIM-5.0: EC002600 - Box/housing for surface mounting on the wall/ceiling<br>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.

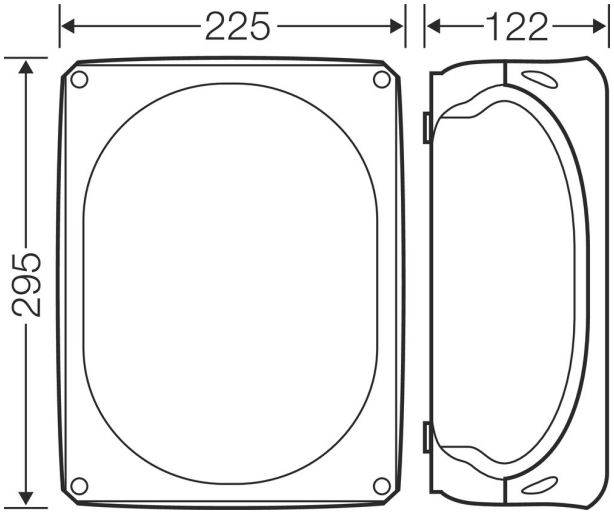
## TENDER TEXT

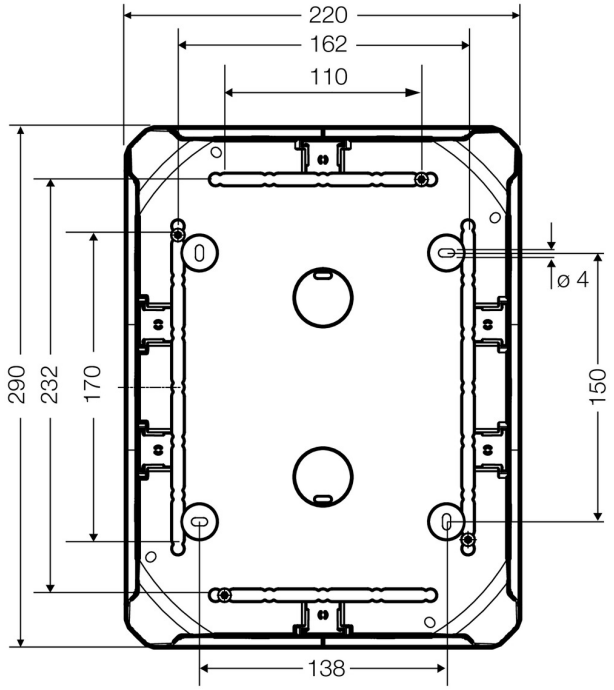
Cable junction boxes according to IEC 60670-22 with metric knockouts. Suitable for indoor and unprotected outdoor installation according to DIN VDE 0100, part 737. For ambient temperatures max. +70°C and min. -25°C, with relative humidity 50% at +40°C or 100% at +25°C. Material temperature resistance 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: 35 mm², dimensions HxWxD 225 x 295 x 122 mm

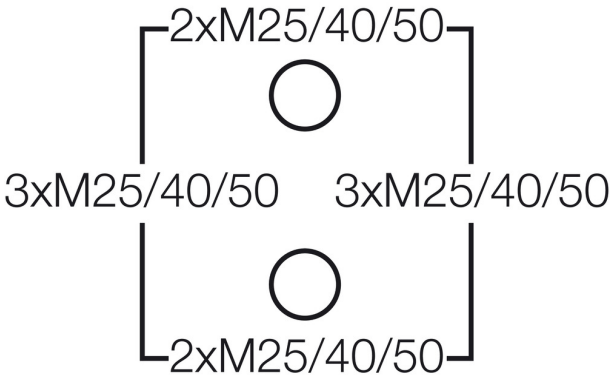
## DRAWINGS



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