

"Weatherproof" for outdoor installation

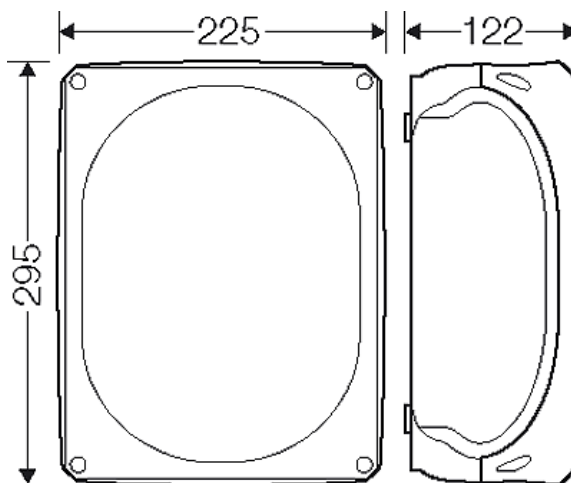


- without terminals
- cable entries via knockouts, order ASS separately (see cable entry systems LES)
- with two cable entries M 32 from the rear side
- "weatherproof" resistant to weather influences (UV due to solar radiation, protected against rainwater, temperature resistant, impact resistant, etc.)
- saltwater-proof
- "offshore applications"
- lid fasteners sealable without accessories
- external brackets for wall fixing included
- colour: black, RAL 9011

rated insulation voltage	$U_i = 1000 \text{ V a.c./d.c.}$
material	PC-GFS (polycarbonate)
degree of protection	IP 66 / IP 67 / IP 69 IP 67, temporary submersion IP 69, water pressure max. 100 bar, water temperature max. 80 °C, distance $\geq 0.15 \text{ m}$
mounting width	260 mm
mounting height	190 mm
max. installation depth	106 mm
width	295 mm
height	225 mm
depth	122 mm
weight	1,024 kg
in accordance with	IEC 60670-22
in accordance with	DNV GL - Certificate No: TAE00000EE

Drawings

Dimension drawing



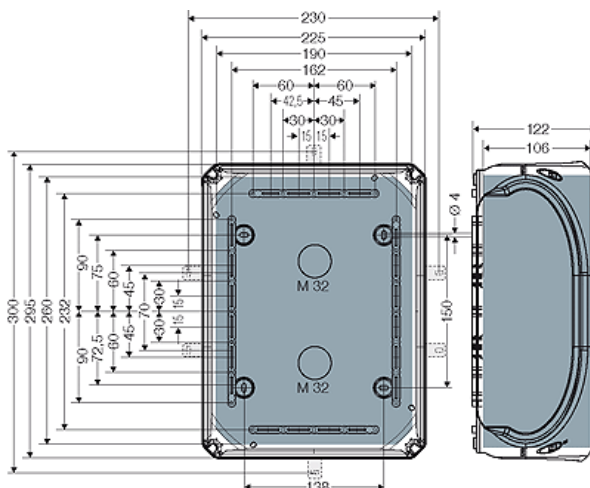
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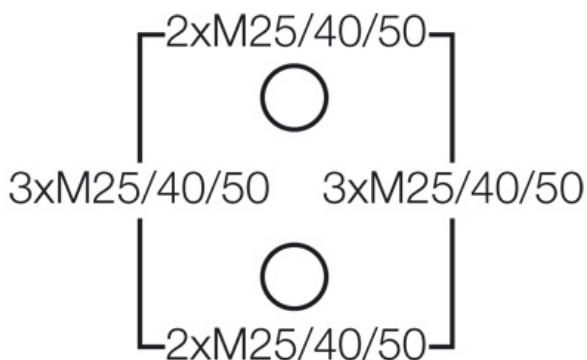
KF 3500 B



Detail mass



Box walls



Operating and ambient conditions

Application area

Suitable for outdoor installation (harsh environment and/or outdoor).
To reduce the formation and accumulation of condensed water see technical information.

Resistant to occasional cleaning procedures (direct jet)

Resistance to occasional cleaning procedures (direct jet) with high-pressure cleaner without cleaning additives, water pressure: max 100 bar, water temperature: max 80 °C, distance ≥ 0.15 m, in accordance with DIN EN 60529:2014-09 (IEC 60529:2013) = IP 69. Only with cable entries HENSEL AKM or ASS.

Ambient temperature

Average value over 24 hours + 55 °C
Maximum value + 70 °C
Minimum value - 25 °C

Fire protection in the event of internal faults

Demands placed on electrical devices from standards and laws
Minimum requirements
- Glow wire test in accordance with IEC 60695-2-11:
- 650°C for boxes and cable glands
- 850°C for parts of insulating material necessary to retain current carrying parts in position

Burning behaviour

Glow wire test IEC 60695-2-11: 960 °C
UL Subject 94: V-0
flame-retardant
self-extinguishing

Degree of protection against mechanical load

IK09 (10 Joule)

Toxic behaviour

halogen-free
silicone-free
"halogen-free" in accordance with the examination of the cables and insulated wires - corrosiveness of fumes - as per IEC 60754-2

Note:

For material properties see technical data.