






**"Weatherproof" for outdoor installation**



**KF 5050 B**

- 16-50 mm<sup>2</sup>, Cu 3~

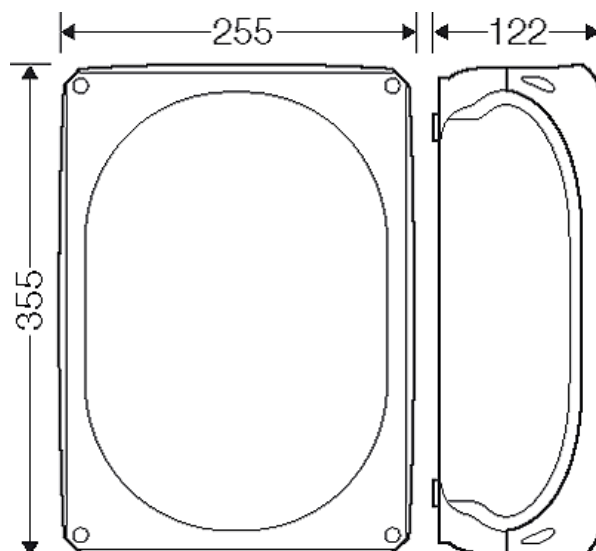


- terminal with 2 clamping units per pole
- 5-pole per pole 6 x 16 mm<sup>2</sup> s, 4 x 25 mm<sup>2</sup> s, 4 x 35 mm<sup>2</sup> s, 4 x 50 mm<sup>2</sup> s
- with two cable entries M 32 from the rear side
- cable entries via knockouts, order ASS separately (see cable entry systems LES)
- "weatherproof" 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 <sub>i</sub> = 690 V a.c./d.c.
rated current:	150 A
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 ≥ 0.15 m
width	355 mm
height	255 mm
depth	122 mm
weight	2,521 kg
tightening torque for terminal	12.0 Nm
in accordance with	IEC 60670-22
in accordance with	Russian Maritime Register of Shipping, technical documentation is approved by the letter No. 250-A-1180-108795

**Drawings**

Dimension drawing



”Weatherproof“ for outdoor installation



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- 16-50 mm², Cu 3~

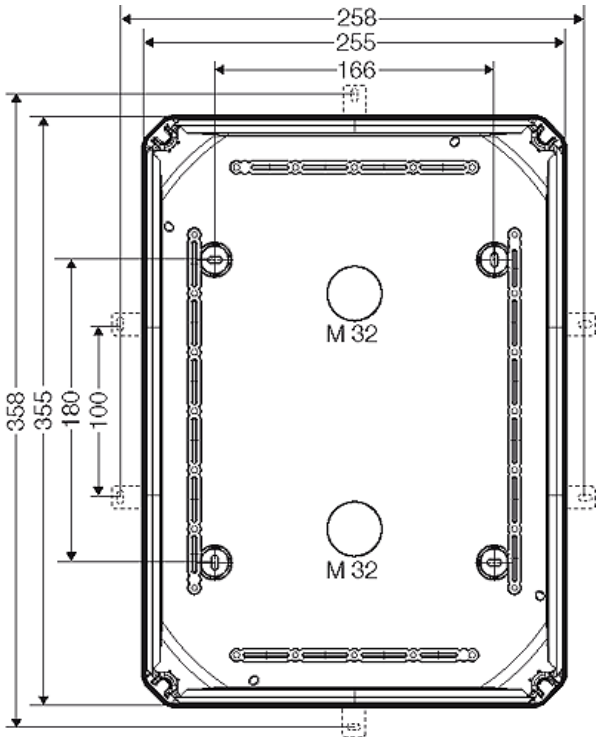
IP 66/67

IP 69

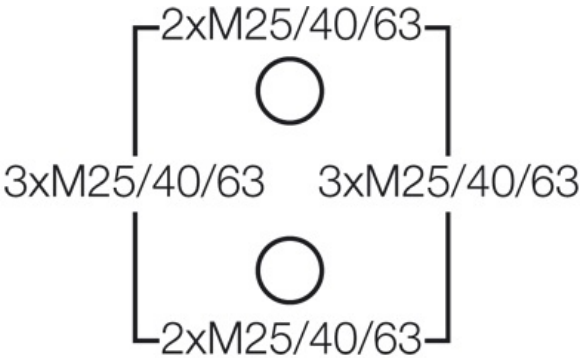




Detail mass




Box walls



Operating and ambient conditions


Application area	Suitable for 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
Relative humidity	50% at 40° C

”Weatherproof“ for outdoor installation




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- 16-50 mm², Cu 3~



IP 66/67

IP 69



short-time  
100% at 25° C

Fire protection in the event of internal faults	<p>Demands placed on electrical devices from standards and laws</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> <li>- Glow wire test in accordance with IEC 60695-2-11:</li> <li>- 650°C for boxes and cable glands</li> <li>- 850°C for parts of insulating material necessary to retain current carrying parts in position</li> </ul>
Burning behaviour	<p>Glow wire test IEC 60695-2-11: 960 °C</p> <p>UL Subject 94: V-0</p> <p>flame-retardant</p> <p>self-extinguishing</p>
Degree of protection against mechanical load	IK09 (10 Joule)
Toxic behaviour	<p>halogen-free</p> <p>silicone-free</p> <p>"halogen-free" in accordance with the examination of the cables and insulated wires - corrosiveness of fumes - as per IEC 60754-2</p>
Note:	For material properties see technical data.