

”weatherproof“ for outdoor installation



KF 1616 G

- 10-16 mm², Cu 3~

IP
66/67

PC

RAL
7035

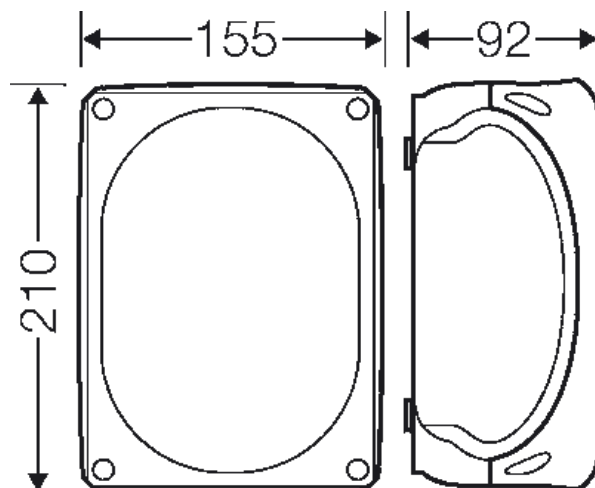
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40 Wall 40
39

- Terminal with 2 clamping units per pole
- 5-pole per pole 6 x 6 mm² sol, 6 x 10 mm² sol/ f*, 4 x 16 mm² s/ f*, 4 x 25 mm² s/ f*, 2 x 35 mm² s/ f* f* = with gas-tight end ferrule
- with two cable entries M 32 from the rear side
- Cable entries via knockouts, order AKM separately (see cable entry systems LES)
- "weatherproof" resistant to weather influences (UV due to solar radiation, protected against rainwater, temperature resistant, impact resistant, etc.)
- colour: grey, RAL 7035

rated insulation voltage	Ui = 690 V a.c./d.c.
current carrying capacity	102 A
tightening torque for terminal	3,0 Nm
Degree of protection:	IP 66 / IP 67 temporary submersion up to 1 meter, max. 15 minutes
Material:	PC (Polycarbonate)
width	210 mm
height:	155 mm
depth	92 mm
Weight	0,704 kg
in accordance with	IEC 60 670-22

Drawings

Dimension drawing



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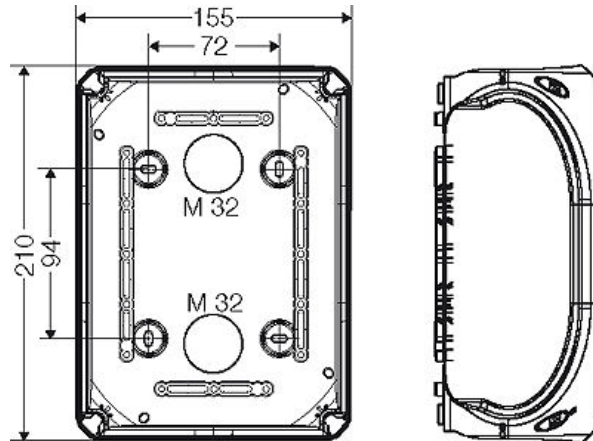
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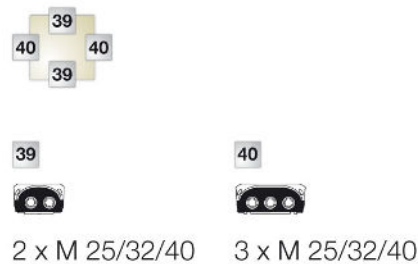
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Detail mass



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)	Resistant to occasional cleaning procedures (direct jet) with high-pressure cleaner without additives, water pressure: max. 100 bar, water temperature: max. 80° C, distance => 0,15 m, in accordance with the requirements IP 69K, enclosure and cable glands at least IP 65
Ambient temperature	Average value over 24 hours + 55 °C Maximum value + 70 °C Minimum value - 25 °C
Relative humidity	50% at 40° C short-time 100% at 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 60 695-2-11: - 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 60 695-2-11: 960 °C

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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 60 754-2
Note:	For material properties see technical data.