

**KV Circuit breaker boxes for outdoor installation (harsh environment and/or outdoor)**



**KV PC 6103**

- 3 modules: 1 x 3 x 18 mm
- without PE and N terminal



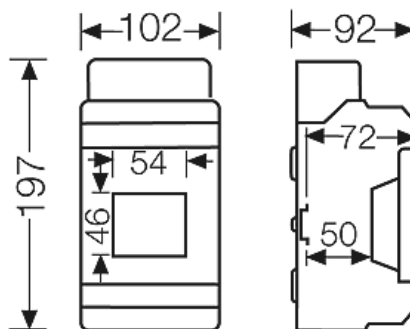


- 1-row
- knockouts: top and bottom walls 2x M20 each
- order PE/N terminals separately
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- degree of protection: IP 65
- colour: grey, RAL 7035


rated insulation voltage	U <sub>i</sub> = 400 V a.c. U <sub>i</sub> = 1000 V d.c.
power output	maximum power output P <sub>de</sub> = 10 Watt according to EN 60670-24
protection class	II
Material:	PC-GFS (polycarbonate)
width	102 mm
height:	197 mm
depth	92 mm
Weight	0,405 kg

**Drawings**

Dimension drawing






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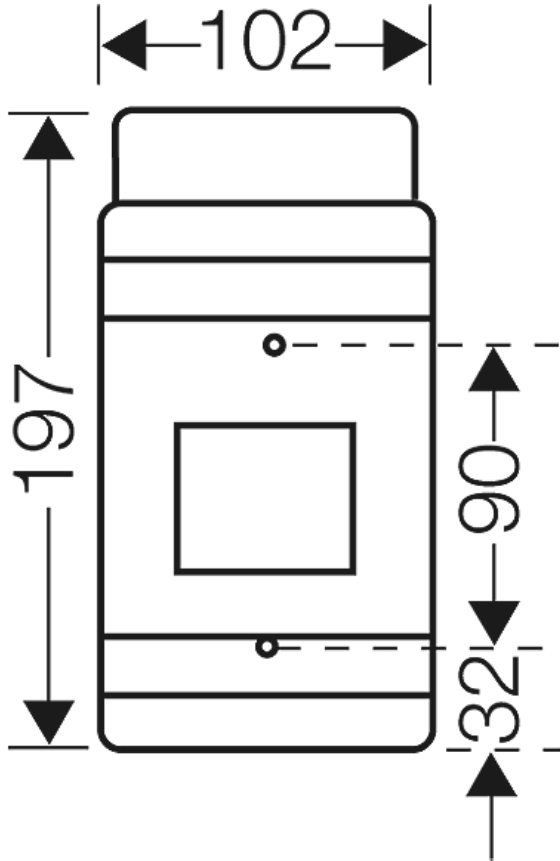


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Detail mass



Box walls



**Operating and ambient conditions**

Application area	Suitable for outdoor installation (harsh environment and/or outdoor). However, pay attention to the climatic effects on the installed equipment, for example, high or low ambient temperatures or formation of condensed water see technical information
Ambient temperature	Average value over 24 hours + 35 °C Maximum value + 40 °C Minimum value - 5 °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 UL Subject 94: V-2 flame-retardant self-extinguishing

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Degree of protection against mechanical load	IK08 (5 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.