



KV Circuit breaker boxes with metric knockouts



KV 9448 M

- 48 modules: 4 x 12 x 18 mm

IP
65

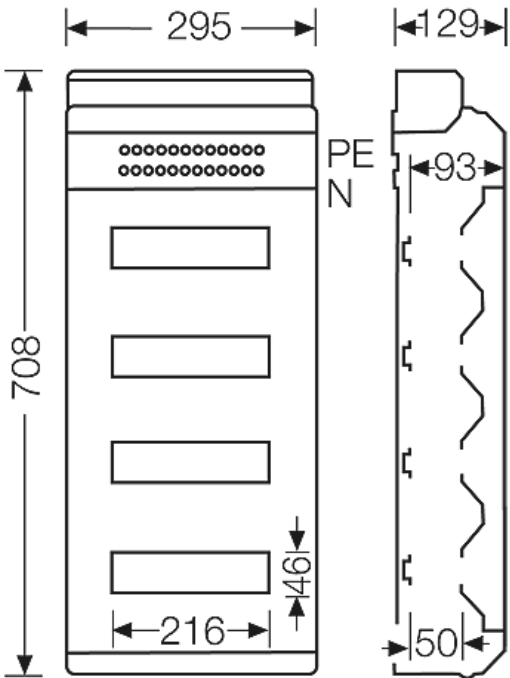


- 4-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT[®] terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment up to 63 A, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4 x M20, 2 x M20/25 and 1 x M32 each
- degree of protection: IP 65
- colour: grey, RAL 7035


rated insulation voltage	U _i = 400 V a.c.
power dissipation capability	P _{de} = 43 watts at 30 K according to EN 60670-24
permissible power dissipation	P _{zul} = 34 watts at 30 K according to DIN 43871
protection class	II
material	PS (Polystyrene)
width	295 mm
height	708 mm
depth	129 mm
weight	3,94 kg

Drawings

Dimension drawing




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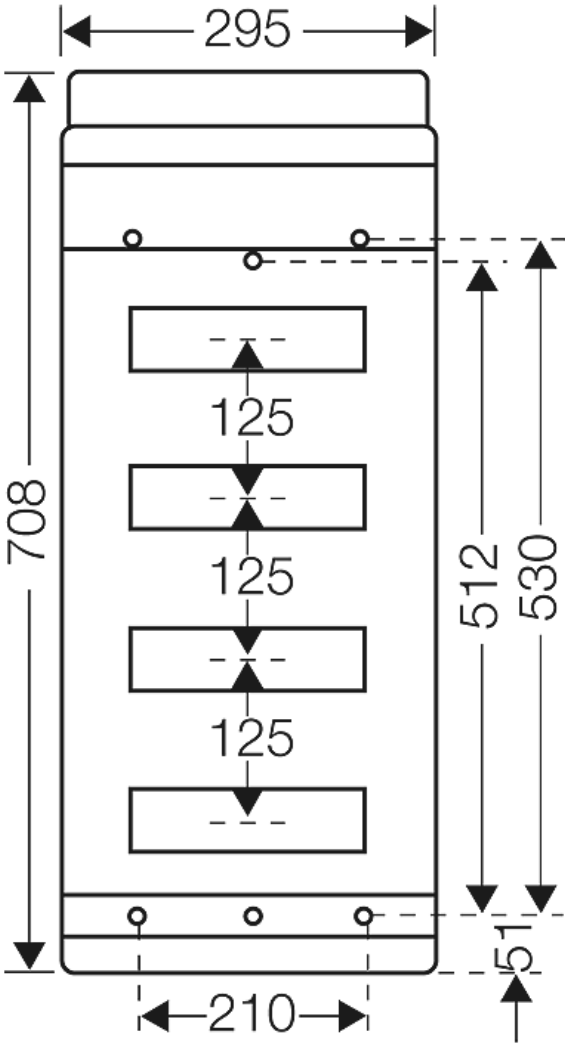
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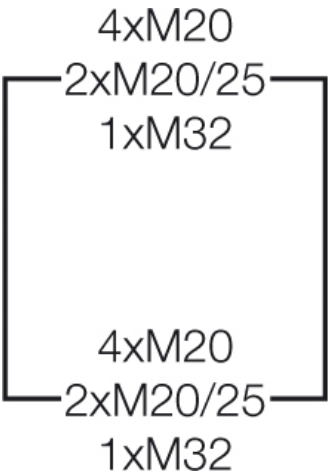
IP65



Detail mass




Box walls





Operating and ambient conditions

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Application area	<p>IP 54/65 design: Suitable for indoor installation and outdoor installation, protected against weather influences</p> <p>IP 40/41 design: Suitable for installation in dry indoor areas</p> <p>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</p>
Ambient temperature	<p>Average value over 24 hours + 35 °C</p> <p>Maximum value + 40 °C</p> <p>Minimum value - 5 °C</p>
Relative humidity	<p>50% at 40° C</p> <p>short-time</p> <p>100% at 25° C</p>
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"> - 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	<p>Glow wire test IEC 60695-2-11: 750 °C</p> <p>UL Subject 94: V-2</p> <p>flame-retardant</p> <p>self-extinguishing</p>
Degree of protection against mechanical load	<p>IK08 (5 Joule)</p>
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:	<p>For material properties see technical data.</p>