




### KV Circuit breaker boxes with metric knockouts



**KV 9224 M**

- 24 modules: 2 x 12 x 18 mm

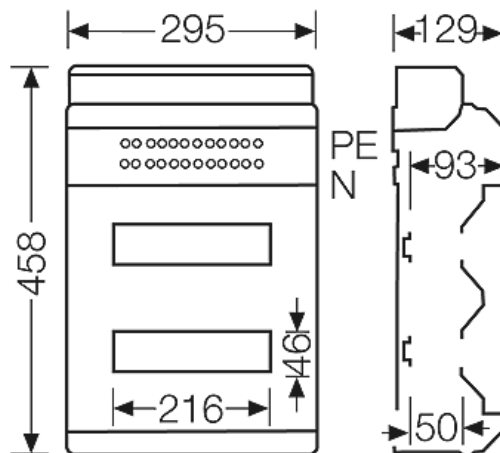



- 2-row
- per PE/N number x cross section 6 x 25 mm<sup>2</sup>, 24 x 4 mm<sup>2</sup> Cu, FIXCONNECT<sup>®</sup> terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- Degree of protection: IP 65
- colour: grey, RAL 7035


rated insulation voltage	$U_i = 400 \text{ V a.c.}$
power dissipation capability	$P_{de} = 31 \text{ watts at } 30 \text{ K according to EN 60670-24}$
permissible power dissipation	$P_{zul} = 25 \text{ watts at } 30 \text{ K according to DIN 43871}$
protection class	II
material	PS (Polystyrene)
height	458 mm
width	295 mm
depth	129 mm
weight	2,693 kg

### Drawings

Dimension drawing



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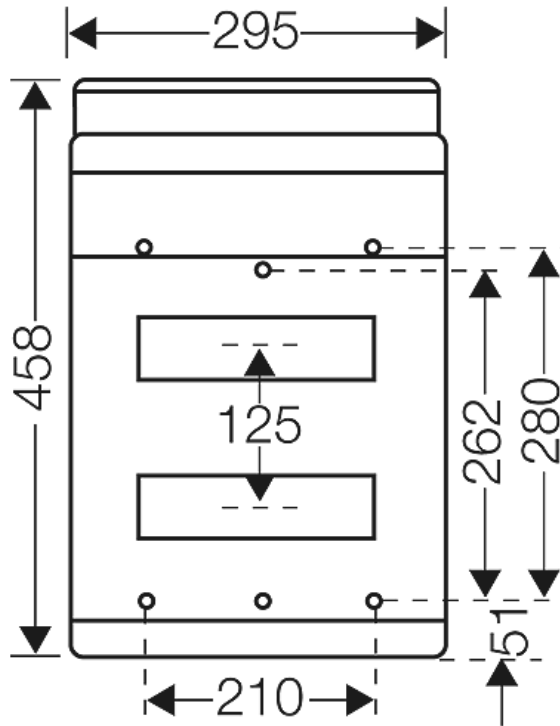


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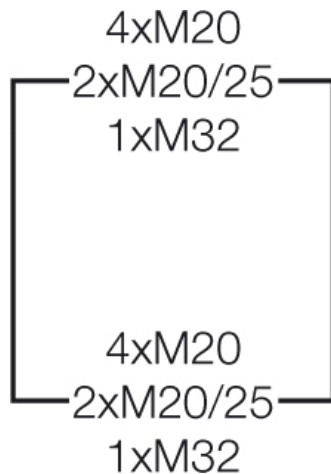
- 24 modules: 2 x 12 x 18 mm

IP  
65

Detail mass






Box walls



**Operating and ambient conditions**

Application area	IP 54/65 design: Suitable for indoor installation and outdoor installation, protected against weather influences IP 40/41 design: Suitable for installation in dry indoor areas 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
Relative humidity	50% at 40° C short-time

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<ul style="list-style-type: none"> <li>• 24 modules: 2 x 12 x 18 mm</li> </ul>			

<p>Fire protection in the event of internal faults</p>	<p>100% at 25° C</p> <p>Demands placed on electrical devices from standards and laws 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>
<p>Burning behaviour</p>	<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>
<p>Degree of protection against mechanical load</p>	<p>IK08 (5 Joule)</p>
<p>Toxic behaviour</p>	<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>
<p>Note:</p>	<p>For material properties see technical data.</p>