

### KV Circuit breaker boxes 3-54 modules



**KV 1618**

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

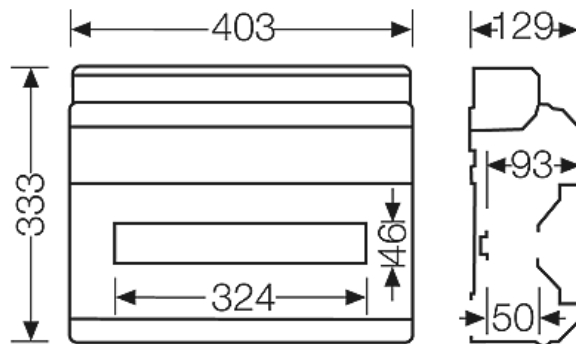



- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment up to 63 A, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes
- degree of protection: IP 54
- colour: grey, RAL 7035


rated insulation voltage	$U_i = 400 \text{ V a.c.}$
power dissipation capability	$P_{de} = 33 \text{ watts at } 30 \text{ K according to EN 60670-24}$
protection class	II
material	PS (Polystyrene)
width	403 mm
height	333 mm
depth	129 mm
weight	2,187 kg

### Drawings

Dimension drawing





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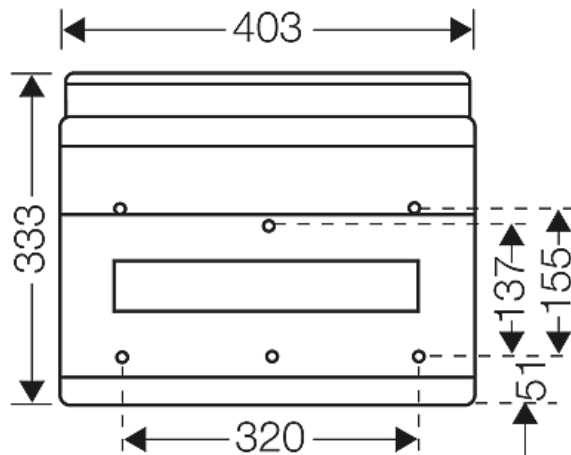


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Detail mass






Box walls

- 8xØ7-12 mm
- 8xØ7-14 mm
- 4xØ12-20 mm
- 1xØ16,5-29 mm
- 8xØM20
  
- 8xØ7-12 mm
- 8xØ7-14 mm
- 4xØ12-20 mm
- 1xØ16,5-29 mm
- 8xØM20

**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 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 60695-2-11: - 650°C for boxes and cable glands

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- 850°C for parts of insulating material necessary to retain current carrying parts in position

<p>Burning behaviour</p>	<p>Glow wire test IEC 60695-2-11: 750 °C          UL Subject 94: V-2          flame-retardant          self-extinguishing</p>
<p>Degree of protection against mechanical load</p>	<p>IK08 (5 Joule)</p>
<p>Toxic behaviour</p>	<p>halogen-free          silicone-free          "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.