

KV Circuit breaker boxes 3-54 modules



KV 8224

- 24 modules: 2 x 12 x 18 mm
- without PE and N terminal

IP
65

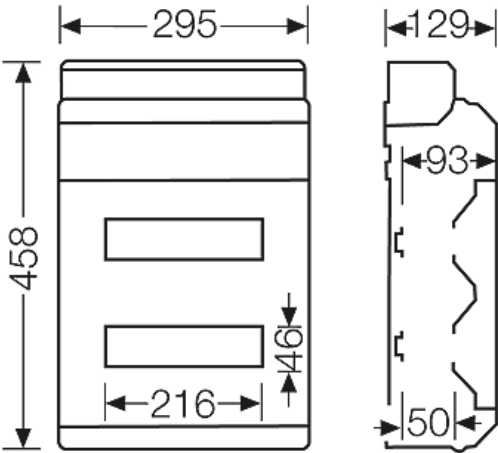


- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment up to 63 A, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes
- degree of protection: IP 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)
width	295 mm
height	458 mm
depth	129 mm
weight	2,409 kg

Drawings

Dimension drawing



KV Circuit breaker boxes 3-54 modules



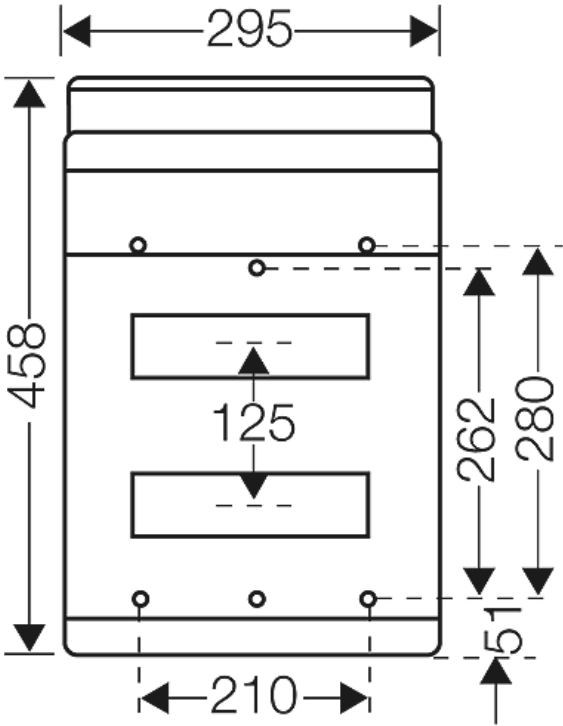
KV 8224

- 24 modules: 2 x 12 x 18 mm
- without PE and N terminal

IP 65



Detail mass



Box walls

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

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

KV Circuit breaker boxes 3-54 modules



KV 8224

- 24 modules: 2 x 12 x 18 mm
- without PE and N terminal

IP
65



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 - 850°C for parts of insulating material necessary to retain current carrying parts in position
Burning behaviour	Glow wire test IEC 60695-2-11: 750 °C UL Subject 94: V-2 flame-retardant self-extinguishing
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 60754-2
Note:	For material properties see technical data.