

Empty enclosures in accordance with IEC 62208

KG 9002 IN



- Built-in dimensions W 133 x H 205 x D 95 mm

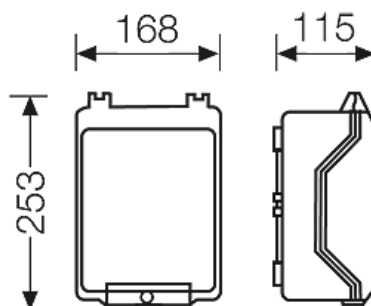


- for installation equipment on DIN rails or mounting plates (order separately)
- max. installation depth with built-in mounting plate 95 mm, with built-in DIN rail 89 mm
- with opaque hinged lid
- fastener for tool operation
- sealable
- cable entry via metric knockouts
- included cable entry: 2 ESM 25, sealing range Ø 9-17 mm and 1 ESM 32, sealing range Ø 9-23 mm
- colour: grey, RAL 7035
- material: PS (polystyrene)

rated insulation voltage	$U_i = 1000 \text{ V a.c./d.c.}$
impact strength	IK 08 (5 Joule)
static load	mounting plate or DIN rail = 1.6 kg lid = 1.2 kg
power dissipation capability at $\Delta\vartheta = 40 \text{ K}$	$P_{de} = 16.8 \text{ watts}$
wall thickness	enclosure = 3 mm lid = 3 mm
protection class	II
material	PS (Polystyrene)
width	168 mm
height	253 mm
depth	115 mm
weight	0,551 kg
in accordance with	IEC 62208:2011

Drawings

Dimension drawing



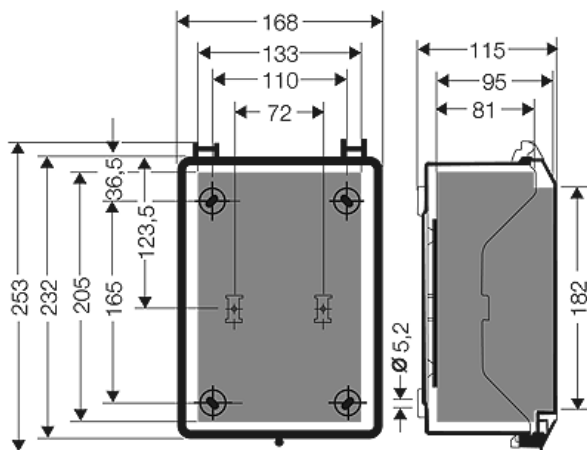
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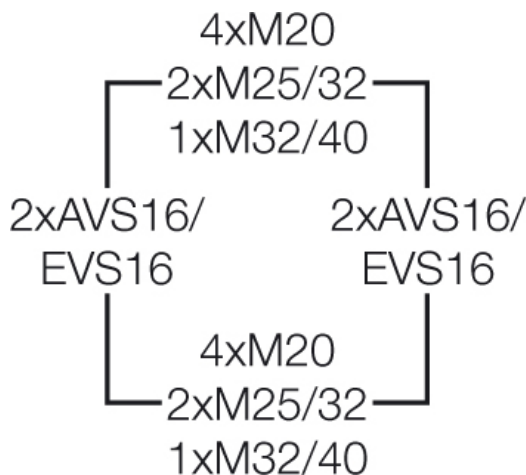
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Detail mass



Box walls



Operating and ambient conditions

Application area

Suitable for indoor installation and outdoor installation, protected against weather influences
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

Maximum value + 60 °C
Minimum value - 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
"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.