

Empty enclosures in accordance with IEC 62208



K 0301

- Built-in dimensions W 275 x H 425 x D 150 mm



- enclosure size 3, type Mi
- for installation equipment on DIN rails or mounting plates (order separately)
- max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- with opaque lid
- lid fasteners for tool operation
- sealable
- box walls without knockouts
- optional hinges for device installation in the lid
- external brackets for wall fixing as accessories
- colour: grey, RAL 7035
- material: PC (polycarbonate)

| | |
|---|---|
| rated insulation voltage | U _i = 690 V a.c. / 1000 V d.c. |
| impact strength | IK 08 (5 Joule) |
| static load | mounting plate or DIN rail = 9.2 kg lid = 3.2 kg |
| power dissipation capability at $\Delta\theta = 40$ K | P _{de} = 71 watts |
| wall thickness | enclosure = 3 mm lid = 3 mm |
| material | PC (Polycarbonate) |
| degree of protection | IP 66 |
| mounting width | 275 mm |
| mounting height | 425 mm |
| max. installation depth | with built-in mounting plate 146 mm |
| max. installation depth | with built-in DIN rail 135 mm |
| width | 300 mm |
| height | 450 mm |
| depth | 170 mm |
| weight | 2,744 kg |
| in accordance with | IEC 62208:2011 |

Drawings

Empty enclosures in accordance with IEC 62208

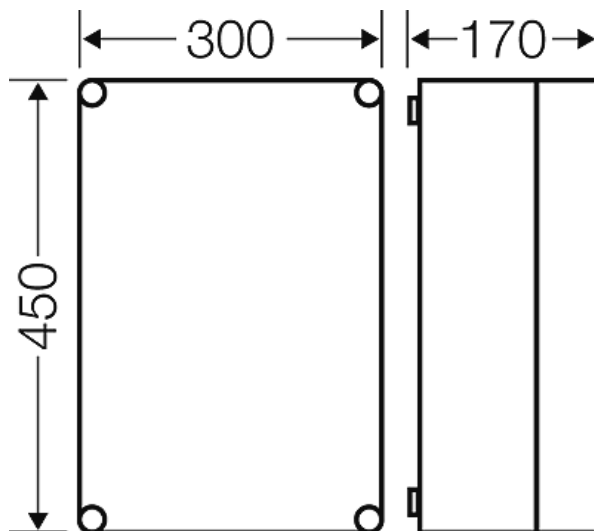


K 0301

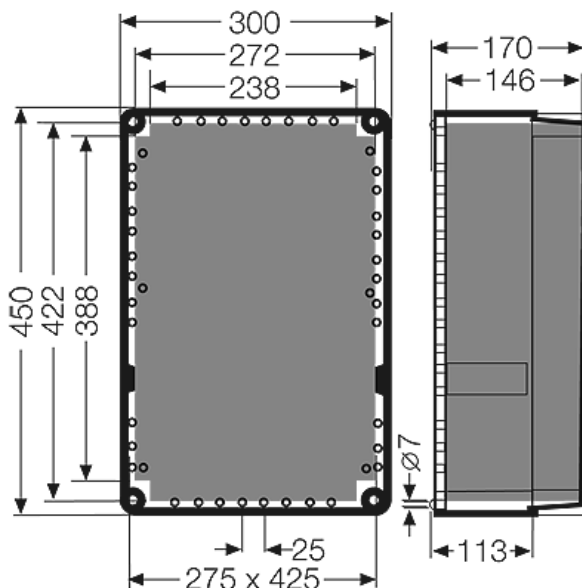
- Built-in dimensions W 275 x H 425 x D 150 mm



Dimension drawing



Detail mass



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 + 70 °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: 960 °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: | Supplementing references regarding outdoor installation: - The materials used for K 0xxx empty enclosures are basically UV resistant, so that the mechanical resistance of the boxes is maintained during UV effect. Depending on the intensity of the UV effect e.g. transparent lids can change colour. - The top side of the boxes should be protected by a cover against weather influences such as rains, ice and snow. - Further on, also chemical influences have to be considered with the selection of the installation place - apart from the IP rating and climatic effects. - In order to keep the maximum permissible ambient temperature of the installed equipment as well as for the prevention of condensation additional measures as ventilation and/or heating may be necessary. For material properties see technical data. |