


with or without terminals



**K 1205**

- 16-150 mm<sup>2</sup>, Cu/Alu 3~

IP


65

- with terminals
- 5-pole per pole 2 x 16-150 mm<sup>2</sup>, 4 x 16-70 mm<sup>2</sup>, conductors can be inserted from the front into the clamping unit, terminal technology, see annex DK Cable junction boxes
- sealable
- order cable glands, flanges and other accessories separately as required
- before connecting, aluminum conductors must be pre-treated according to the appropriate technical recommendations, see technical information aluminum conductors
- for normal environment and protected outdoor
- colour: grey, RAL 7035

rated insulation voltage	U <sub>i</sub> = 690 V a.c./d.c.
current carrying capacity	250 A
tightening torque for terminal	20,0 Nm
material	PC (polycarbonate)
Degree of protection:	IP 65
conductor cross section	Cu/Alu, sol (round) 2 x 16-50 mm <sup>2</sup> Cu/Alu, s / f (round) 2 x 16-150 mm <sup>2</sup> Cu/Alu, sol (sector) 2 x 50-150 mm <sup>2</sup> Cu, s (sector) 2 x 35-150 mm <sup>2</sup>
conductor cross section	Alu, s (sector) 2 x 50-120 mm <sup>2</sup> Cu/Alu, sol (round) 4 x 16-50 mm <sup>2</sup> Cu/Alu, s / f (round) 4 x 16-70 mm <sup>2</sup> Cu/Alu, sol (sector) 4 x 50-70 mm <sup>2</sup>
conductor cross section	Cu, s (sector) 4 x 35-70 mm <sup>2</sup> Alu, s (sector) 4 x 35-50 mm <sup>2</sup>
width	300 mm
height:	450 mm
depth	170 mm
Weight	6,941 kg

**Drawings**

with or without terminals

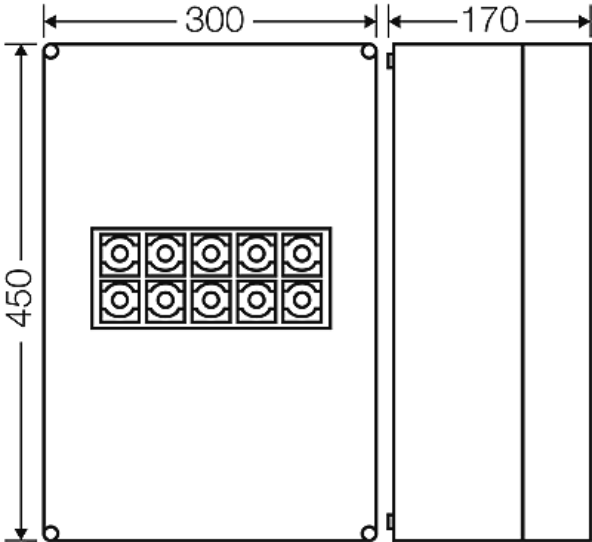


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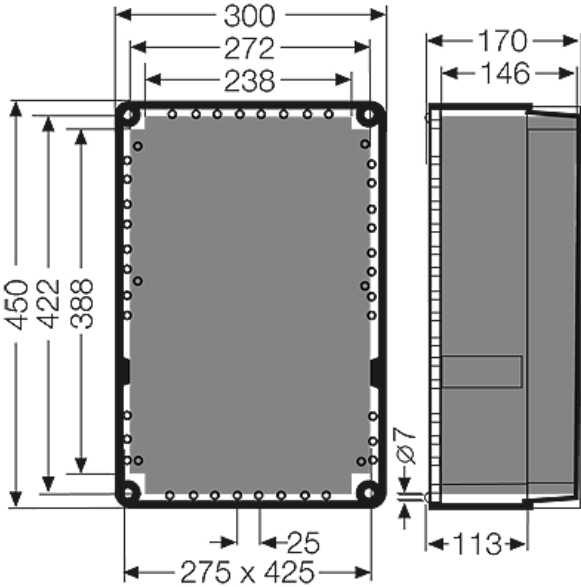
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IP  
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Dimension drawing



Detail mass



with or without terminals

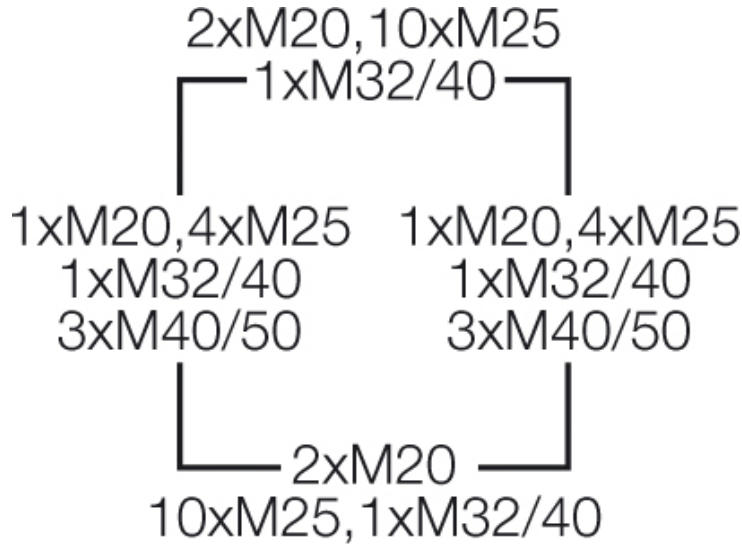


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Box walls



**Operating and ambient conditions**

Application area	Suitable for indoor installation and outdoor installation, protected against weather influences
Resistant to occasional cleaning procedures (direct jet)	Resistant to occasional cleaning procedures (direct jet) with high-pressure cleaner without additives, water pressure: max. 100 bar, water temperature: max. 80° C, distance => 0,15 m, in accordance with the requirements IP 69, enclosure and cable glands at least IP 65
Ambient temperature	Average value over 24 hours + 35 °C Maximum value + 40 °C Minimum value - 25 °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 - 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 60 754-2
Note:	For material properties see technical data.