


Cable junction boxes for normal environment and protected outdoor



**K 7005**

- 16-70 mm<sup>2</sup>, Cu 3~

IP 65

PC

RAL 7032

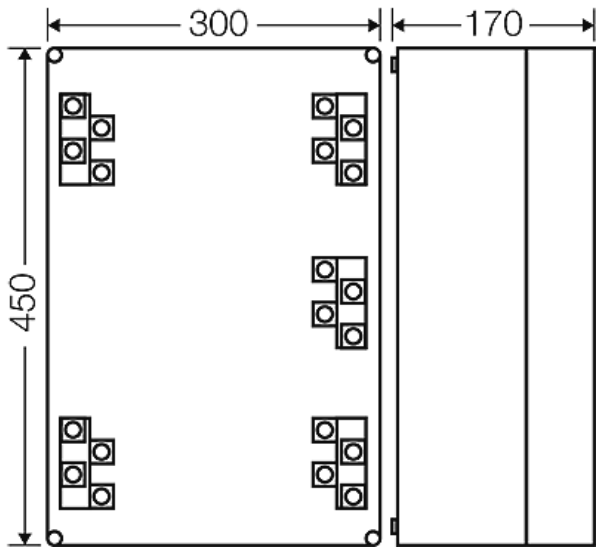
20 Wall 21

- with terminals
- 5-pole per pole 4 x 16-70 mm<sup>2</sup> s
- sealable
- Order cable glands, flanges and other accessories separately as required
- for normal environment and protected outdoor
- colour: grey, RAL 7032


rated insulation voltage	AC/DC 690 V
current carrying capacity	216 A
tightening torque for terminal	10,0 Nm
Degree of protection:	IP 65
Material:	PC (Polycarbonate)
width	300 mm
height:	450 mm
depth	170 mm
Weight	3,904 kg

Drawings

Dimension drawing



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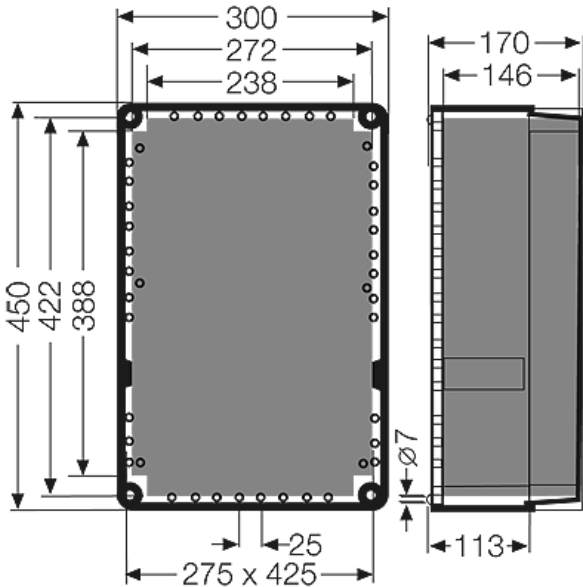
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Detail mass



box walls



20



2 x M 20  
10 x M 25  
1 x M 32/40

21




1 x M 20  
4 x M 25  
1 x M 32/40  
3 x M 40/50

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 69K, 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 60 695-2-11: - 650°C for boxes and cable glands - 850°C for parts of

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	insulating material necessary to retain current carrying parts in position
Burning behaviour	Glow wire test IEC 60 695-2-11: 960 °C UL Subject 94: V-2 flame resistant 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 754-2
Note:	For material properties see technical data.