

Cable junction boxes for harsh environment and outdoor with box walls without cable entries



K 8100



IP 65

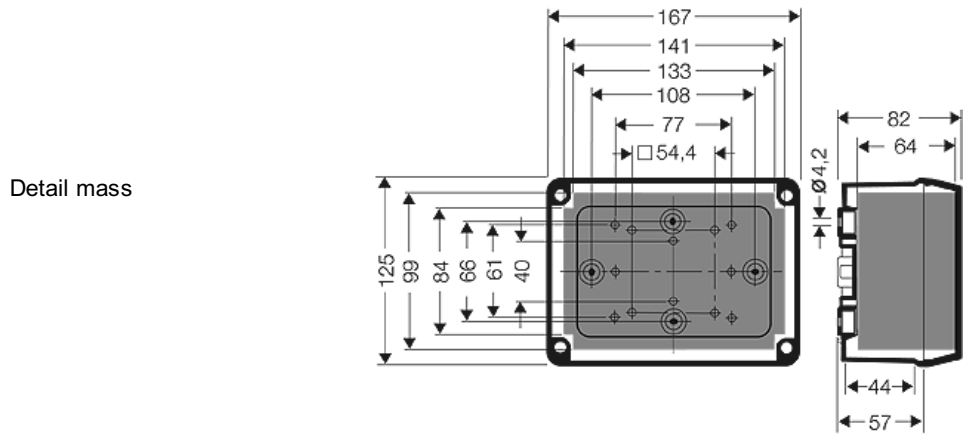
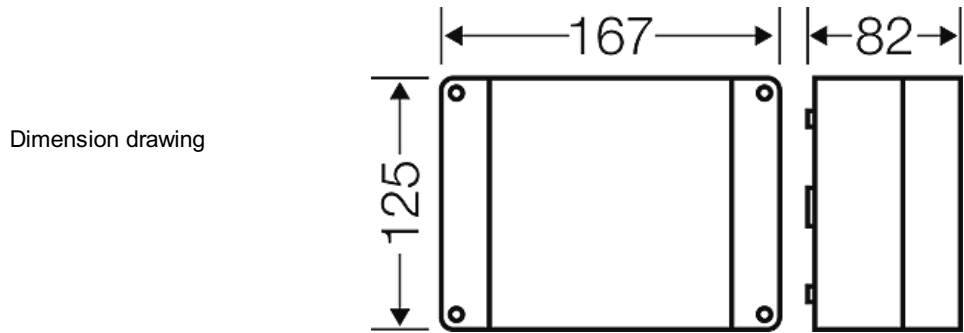
PS

RAL 7035


- without terminals
- box walls without knockouts
- wall surface can be drilled individually for cable entry max. M 32
- for normal environment and protected outdoor
- colour: grey, RAL 7035

wall thickness of the bottom part	2,8 mm
Degree of protection:	IP 65
Material:	PS polystyrene thermoplastic
mounting width	141 mm
mounting height	99 mm
max. installation depth	64 mm
width	167 mm
height:	125 mm
depth	82 mm
Weight	0,2798 kg
in accordance with	IEC 60 670-22

Drawings



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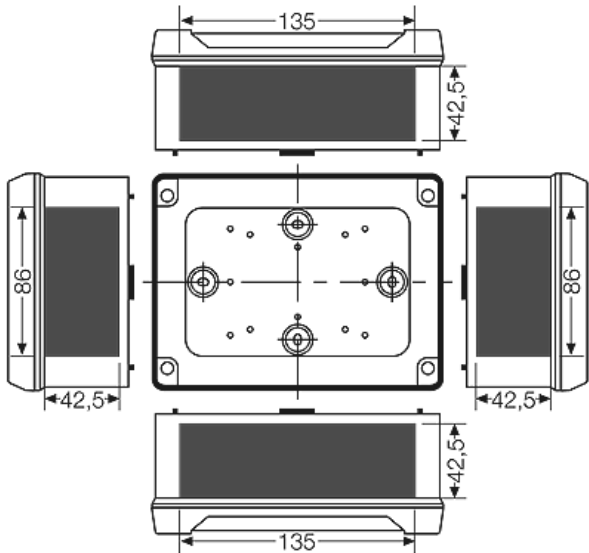


IP
65

PS

RAL
7035

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 69K, enclosure and cable glands at least IP 65
Ambient temperature	Maximum value + 40 °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 60 695-2-11: - 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 60 695-2-11: 750 °C UL Subject 94: V-2 flame resistant self-extinguishing
Degree of protection against mechanical load	IK07 (2 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.