



K 9100

Cable junction box

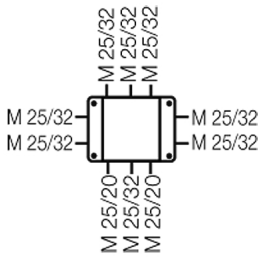
- for normal environment and protected outdoor
- without terminals

Approval mark

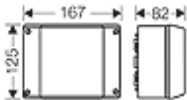


degree of protection:	IP 55 (ESM)
degree of protection:	(refer to index LES) IP 65
mounting width	141 mm
mounting height	99 mm
material:	thermoplastic
max. installation depth	64 mm
colour:	grey RAL 7035
cable entry	included 3 ESM 32
sealing range	Ø 9-23 mm
in accordance with	IEC 60,670-22

box walls



Dimension drawing



Operating and ambient conditions

Application area	Suitable for indoor installation and outdoor installation, protected against weather influences according to DIN VDE 0100 Part 737
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
Fire protection in the event of specific risks or hazards	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:	To material properties see technical data.