



K 9105

Cable junction box

- for normal environment and protected outdoor
- with terminals

Approval mark



rated connecting capacity

3~ 4-10 mm²

conductor material:

Cu

Polarity
conductor cross section

5-pole, per pole
sol 6 x 2,5 mm²
sol 4 x 4 mm²
sol 4 x 6 mm²
sol 4 x 10 mm²
s 2 x 16 mm²
mm²

conductor cross section

current carrying capacity

of the terminal 63 A

rated insulation voltage

AC/DC 690 V

degree of protection:

IP 55 (ESM)

degree of protection:

(refer to index LES) IP 65

material:
colour:

thermoplastic
grey RAL 7035

cable entry

included 3 ESM 32

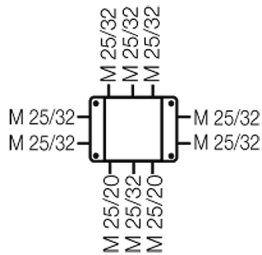
sealing range

Ø 9-23 mm

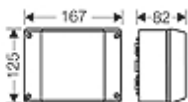
in accordance with

mm
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

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 insulating material necessary to retain current carrying parts in position

Fire protection in the event of specific risks or hazards

Demands placed on electrical installations and devices in areas and facilities subject to fire risk, e.g. DIN VDE 0100 Part 482, official regulations, VdS directives Minimum requirements - Glow wire test to IEC 60 695-2-11: - 850°C for boxes and cable glands - 850°C for cavity wall installation - Use of fire resistant cables

Burning behaviour

Glow wire test IEC 60 695-2-11: 750° C
UL Subject 94 V-2

degree of protection against mechanical load

flame resistant self-extinguishing
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.