


Cable junction boxes for normal environment and protected outdoor



**D 9145**


- 1.5-4 mm<sup>2</sup>, Cu 3~

IP ESM  
55

IP  
65

PS

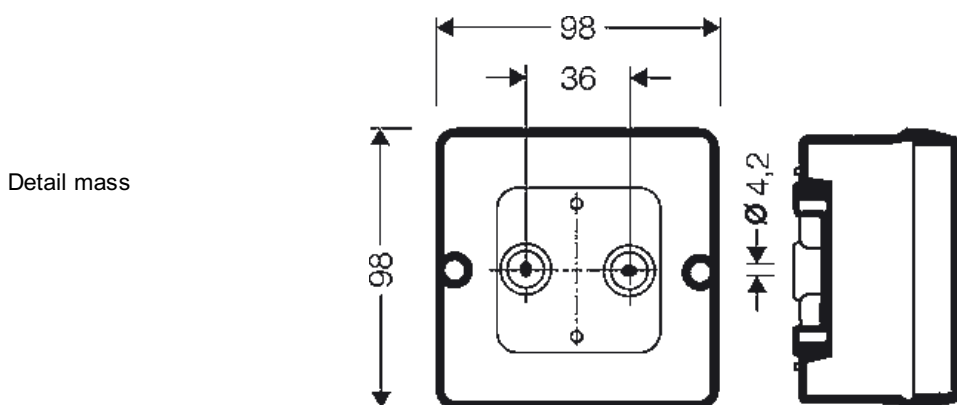
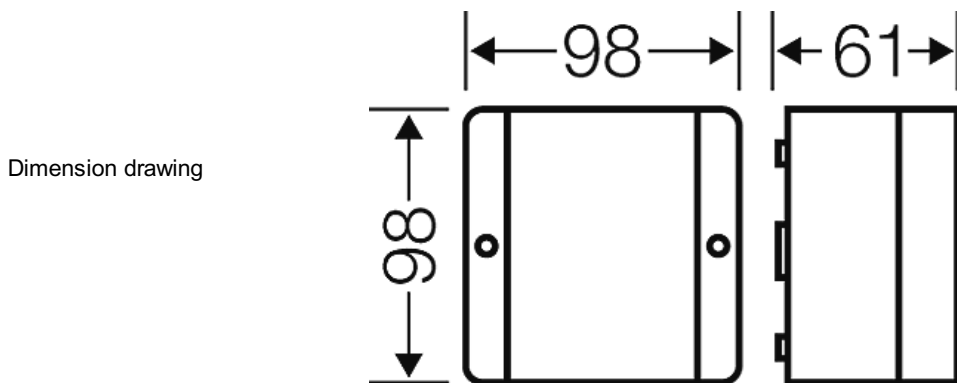
RAL  
7035




- with terminals
- 5-pole per pole 6 x 1.5 mm<sup>2</sup> sol, 4 x 2.5 mm<sup>2</sup> sol, 3 x 4 mm<sup>2</sup> sol, 2 x 6 mm<sup>2</sup> sol
- included cable entry: 4 ESM 20, sealing range Ø 6-13 mm
- for normal environment and protected outdoor
- colour: grey, RAL 7035

rated insulation voltage	AC/DC 690 V
tightening torque for terminal	1,2 Nm
Degree of protection:	IP 55 (ESM)
Degree of protection:	(refer to index cable entry systems) IP 65
Material:	PS polystyrene thermoplastic
width	98 mm
height:	98 mm
depth	61 mm
Weight	0,168 kg
in accordance with	IEC 60 670-22

Drawings



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IP ESH  
55

IP  
65

PS

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box walls

1



1 x M 20

3



2 x M 20

**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 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.