

Cable junction boxes for "offshore applications" with box walls without cable entries

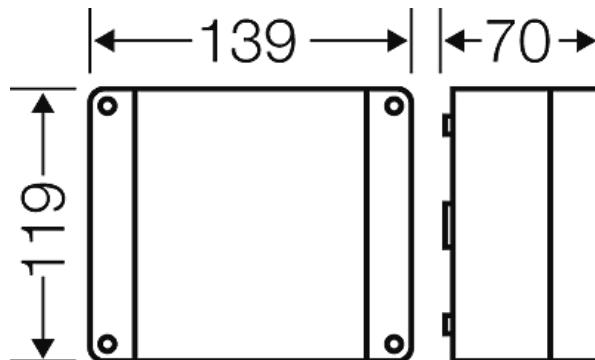


- without terminals
- "Offshore applications"
- acid-resistant lid screws made of stainless steel
- box walls without knockouts
- wall surface can be drilled individually for cable entry max. M 32
- burning behaviour 960° C; UL Subject 94: 5 V
- colour: black, RAL 9011

wall thickness of the bottom part	2,6 mm
Degree of protection:	IP 66 / IP 67 temporary submersion up to 1 meter, max. 15 minutes
Material:	impact-resistant PC 5 polycarbonate
mounting width	114 mm
mounting height	94 mm
max. installation depth	52 mm
width	139 mm
height:	119 mm
depth	70 mm
Weight	0,291 kg

Drawings

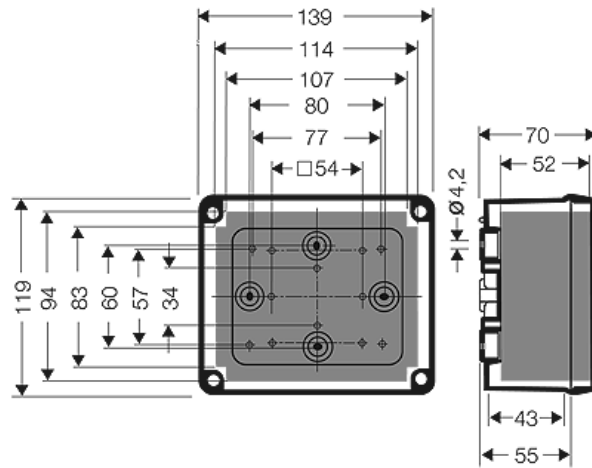
Dimension drawing



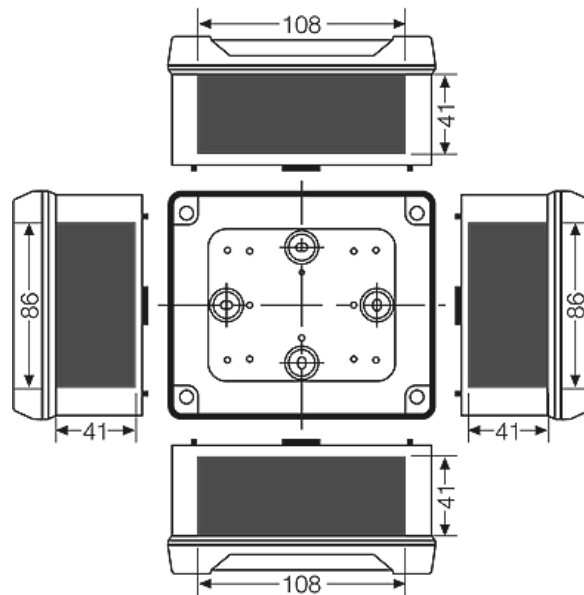
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Detail mass



box walls



**Operating and ambient conditions**

Application area	Suitable for use in offshore areas and for indoor installation (normal environment and /or protected outdoor) and outdoor installation (harsh environment and /or outdoor) in accordance with 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 + 55° C Maximum value + 70° C Minimum value - 25° C

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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: 960° C  
 UL Subject 94: 5 V  
 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:

To material properties see technical data.