

Cable junction boxes for "offshore applications"

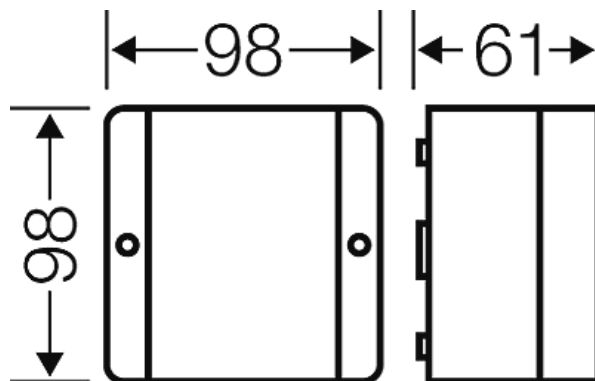


- without terminals
- cable entry via knockouts, order ASS separately (refer to index cable entry systems)
- "Offshore applications"
- saltwater-proof
- acid-resistant lid screws made of stainless steel
- burning behaviour 960° C; UL Subject 94: 5 V
- colour: black, RAL 9011

Degree of protection:	IP 66 / IP 67 temporary submersion up to 1 meter, max. 15 minutes
Material:	impact-resistant PC 5 polycarbonate
mounting width	69 mm
mounting height	76 mm
max. installation depth	45 mm
width	98 mm
height:	98 mm
depth	61 mm
Weight	0,182 kg

Drawings

Dimension drawing



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KD 5040



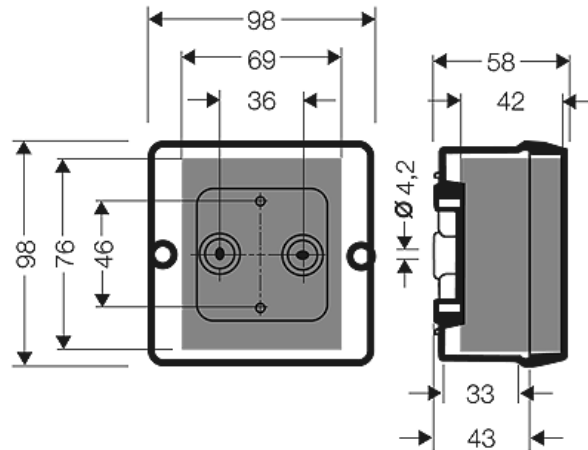
IP
66/67

PC

RAL
9011

4
Wall
4
2

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
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: -

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	<p>850°C for boxes and cable glands - 850°C for cavity wall installation - Use of fire resistant cables</p>
<p>Burning behaviour</p>	<p>Glow wire test IEC 60 695-2-11: 960° C UL Subject 94: 5 V flame resistant self-extinguishing</p>
<p>Degree of protection against mechanical load</p>	<p>IK08 (5 Joule)</p>
<p>Toxic behaviour</p>	<p>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</p>
<p>Note:</p>	<p>To material properties see technical data.</p>