

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

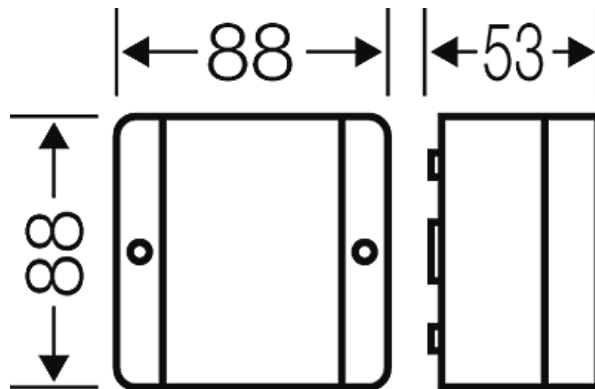


- without terminals
- "Offshore applications"
- acid-resistant lid screws made of stainless steel
- box walls without knockouts
- wall surface can be drilled individually for cable entry max. M 20
- burning behaviour 960° C; UL Subject 94: 5 V
- colour: black, RAL 9011

wall thickness of the bottom part	2,3 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	59 mm
mounting height	66 mm
max. installation depth	37 mm
width	88 mm
height:	88 mm
depth	53 mm
Weight	0,136 kg

Drawings

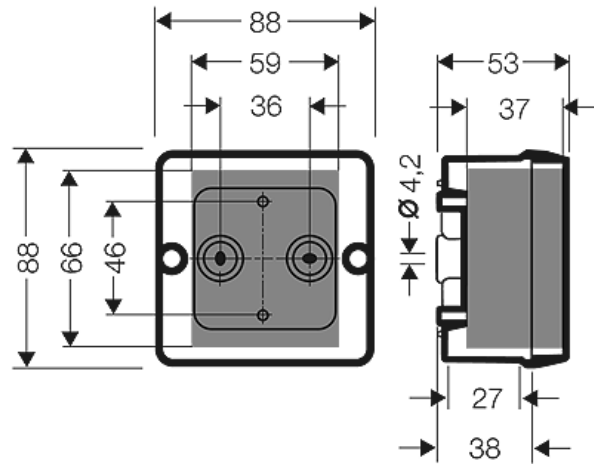
Dimension drawing



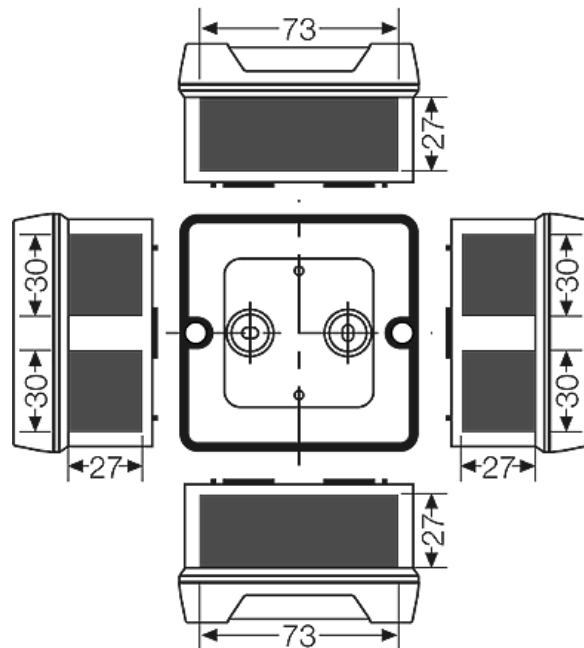
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Detail mass



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
Fire protection in the event of internal faults	Demands placed on electrical devices from standards and laws

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	<p>KD 4020</p>			
				

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

<p>Fire protection in the event of specific risks or hazards</p>	<p>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</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>