

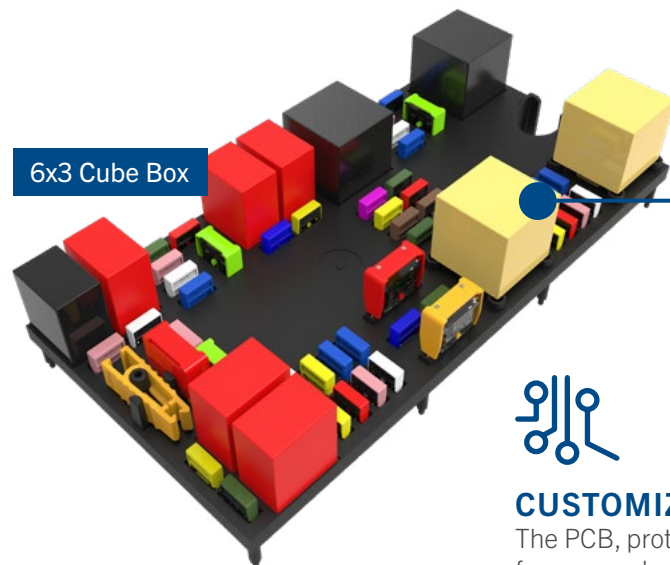
CUBE BOX





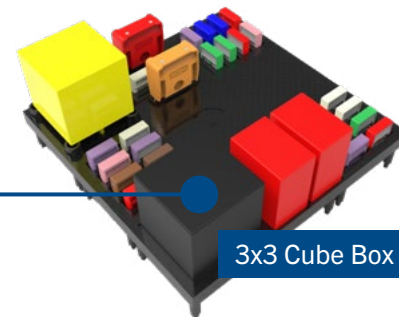
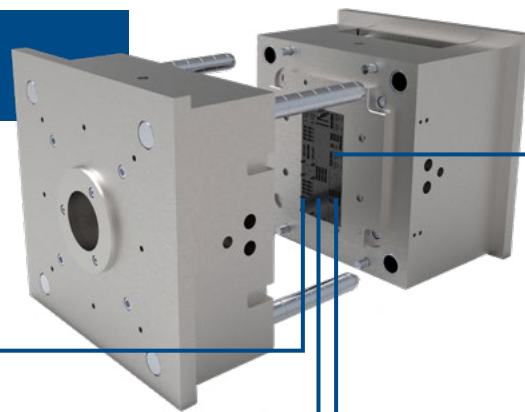
MODULAR DESIGN

The masks can have different sizes and geometries and can be made with the same modular mold.



6x3 Cube Box

Injection mold with a modular matrix



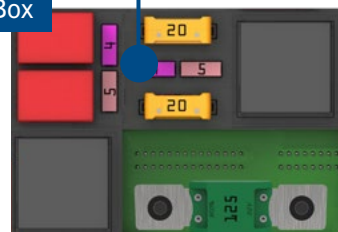
3x3 Cube Box



CUSTOMIZABLE PCB

The PCB, protected in a robust frame, can be customized according to customers' different electrical diagrams.

3x2 Cube Box



COST EFFECTIVENESS AND EFFICIENCY

Low tooling and engineering costs thanks to standardised processes and housings.



PATENT PENDING



SHORT TIME-TO-MARKET

The customized PDU can be obtained in very short times thanks to the possibility to compose it from a range of existing modules.



WATERPROOF VERSION

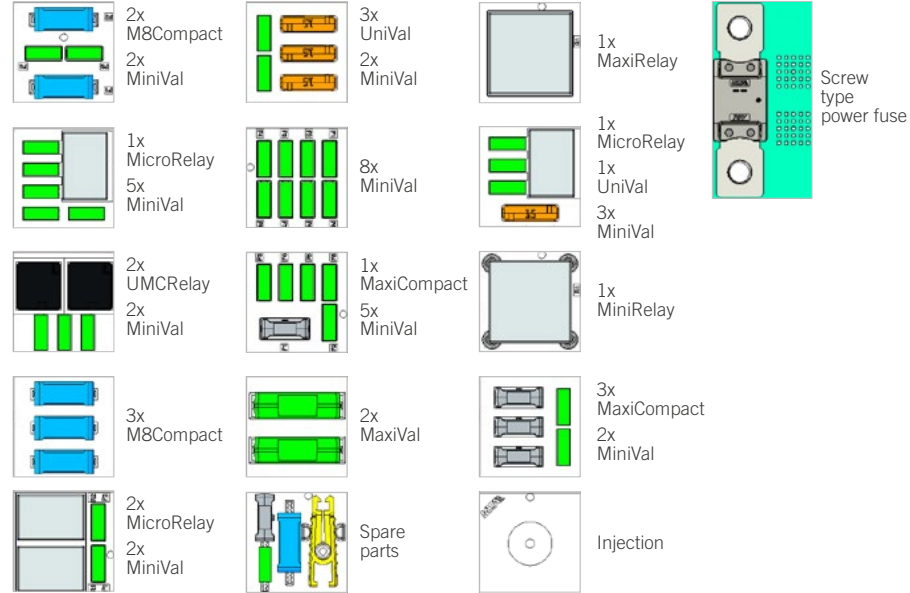
A waterproof version of the Cube Box, for engine compartment is available too, equipped with sealed frames and lids with gaskets.

Watch the video and discover more



1.

The customization of the Cube Box starts from the injection mold.

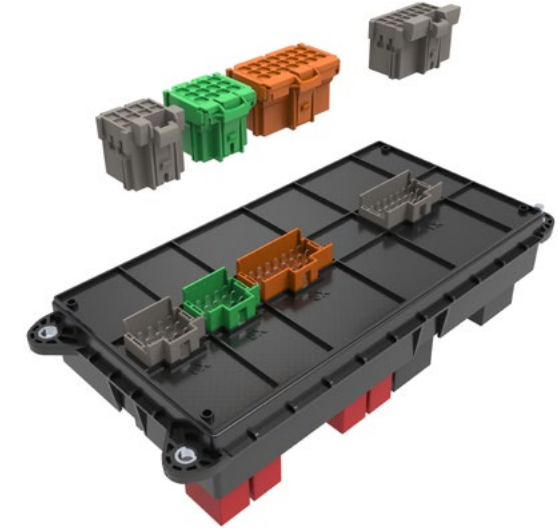


Several 35x35 mm modules with different contents can be positioned and oriented in the mold according to the customer's layout to obtain the required mask for the customized PDU. Each module can be placed and rotated in any position of the matrix and replicated as needed.

If necessary, it is also possible to provide for the use of screw-type power fuses. The masks can have different sizes and geometries up to 7x5 modules (35 pieces in total) selected from the range available.

2.

The connectors can be positioned on top or bottom side.

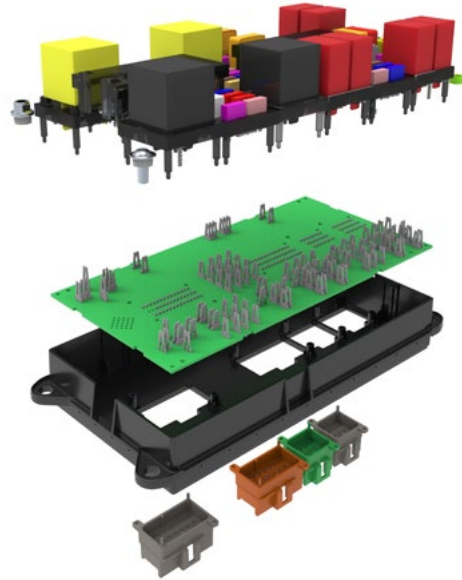


The outputs with multi-way sectioning connectors can be positioned on the lower or upper side.

The housings are made using interchangeable parts that allow for different layouts of output connections.

3.

The PCB design is customised according to the electrical schematics and pinout of the customer.



The fully customizable PCB is developed according to project needs. The fork type contacts used are assembled with press-fit technology, as well as the output connector tabs.

Small electronic components, such as diodes, resistors and LEDs can be soldered during the assembly stages.

4.

The Cube Box is suitable both for the cabin and the engine compartment.



If needed, the Cube Box can be placed in the engine compartment.

A waterproof version, equipped with sealed connectors and a lid with gaskets, assures an IP67 / IP6K9K.



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CUBE BOX
Version 1.2
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