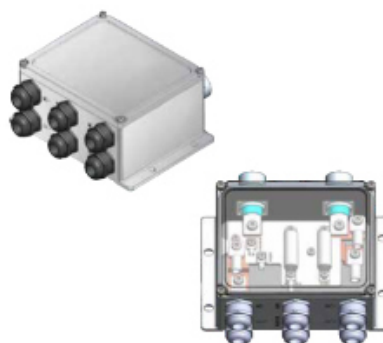


EGE HIGH VOLTAGE JUNCTION BOXES

▶ APPLICATION

Electric vehicle, AC and DC high voltage high current charger, charging pile and the car charging interface, installation and charging pile or car end, used to do charging access port. Integrated circuit charging protection system



▶ DESCRIPTION

FUNCTIONAL MODULE	MODULE COMPONENT DESCRIPTION
Power Distribution	Busbar component design, fast heat dissipation, highly efficient energy transmission
Power Distribution Protection	Protection with fuses, monitoring systems
More than one turn	A turn five: motors, PTC, OBC,DCDC, air conditioning and other independent line protection unit

▶ PRODUCT MANUAL

- Aluminium Alloy, Metal shell, light weight and good structural strength and good anti rust prevention
- Designed with busbar solution make the product with low temperature rise, good heat dispassion, electric conductive better and installation easily
- Variety of busbars, connector solutions meet customer requests
- This product can be designed and manufactured and manufacture according to customer's requirements, including the Logo.

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▶ INTERFACE SPECIFICATION

INTERFACE (OPTIONAL)	PARAMETER
Operating Voltage	250~620 VDC
Operating temperature	-40°C +85°C
Moter interface	+
	-
Distribution interface	High Voltage Connector / PDU distribution box

▶ PERFORMANCE PARAMETERS

Protection class		IP55
Shielding		50db@100MHz
Environmental Testing	Water-proof test	IPX5
	High Temperature Test	85° C 72H
	Low Temperature Test	-40°C 72H
	Salt spray test	48H
	Constant moisture test	5 to 85% R.H.
Electrical Testing	Insulation test	20MΩ 1000V DC/300MΩ 1000V DC
	Voltage withstand test	4000V AC 60 Sec.10mA
	Conductive test	3V DC 0.1A
Mechanical testing	Vibration test	30 {3G} 5-55Hz 1-2mm,55-500Hz 30mm
	Shock test	110 {50G} 4ms IK10
Weight		6KG±10%