

CCS Type2 connector

- Easy operation.
- The light-weight and compact.
- Robust structure.
- Stylish design.
- Conform to IEC62196-3
In preparation for CE marking.



■ Specification

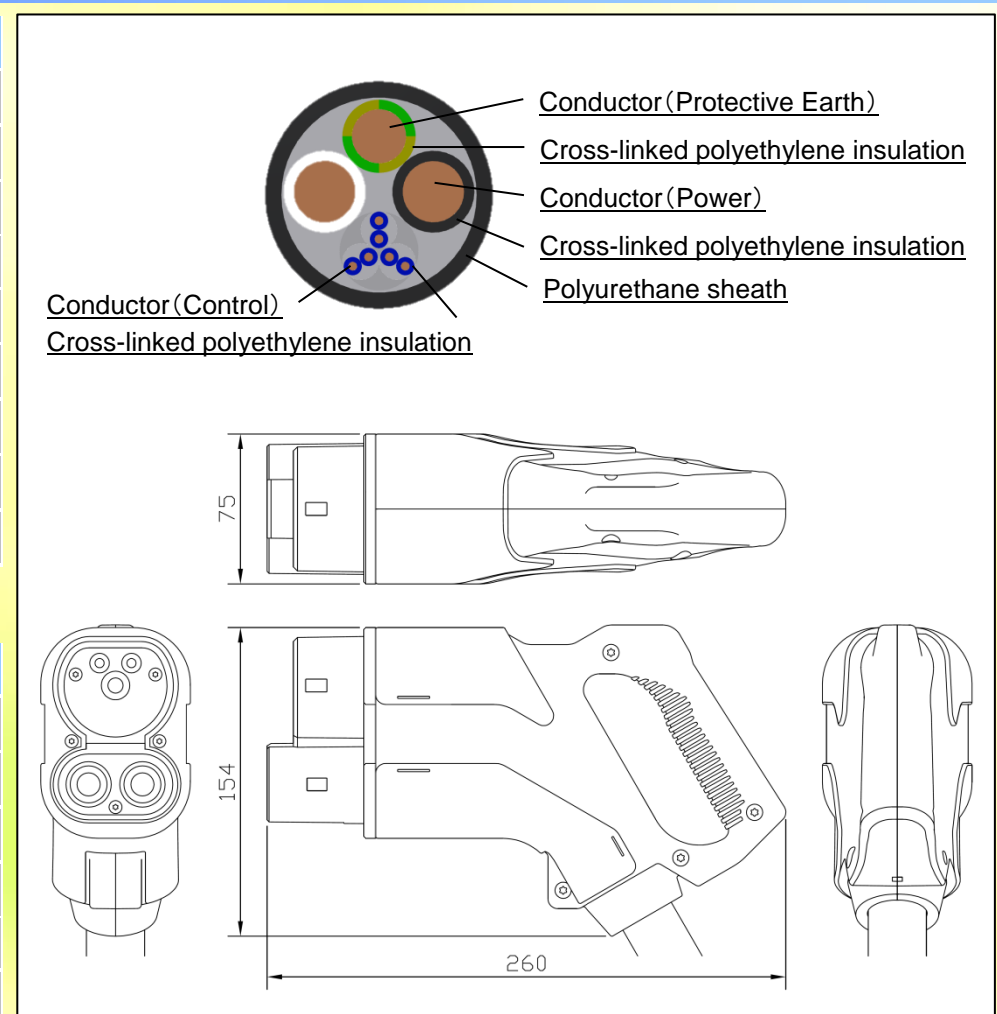
Specification	
Certification body	TÜV Rheinland
Certification standards	IEC62196-3
Rated voltage	D.C.850V
Rated current	125A / 60A
Ambient temperature	-30 ~ 50°C

Performance Table	
Insulation resistance	100MΩ or more
Withstand voltage(V/1min)	AC3000V
Fitting insertion force	Less than 100N
Temperature rise	Housing : Less than 20°C Terminal : Less than 50°C
Drop impact	It was dropped to concrete floor from 1m on No abnormality
IP code	Unmated : IP24 Mated : IP44 (TÜV certification value)
Mechanical endurance	10000cycles: No damage and temperature rise of the terminal is 50K or less.

■ Construction

Cable			
Voltage		850V	
Number		2	2P / 3P
Conductor	mm ²	35 / 10	0.75
	Diameter(mm)	7.7 / 4.1	1.1
Outer diameter(mm)		28.5 / 21.6	
Conductor		Annealed copper wire	
Insulator		Cross-linked polyethylene	
Sheath		Polyurethane	
The cores Identification		According to FIG	

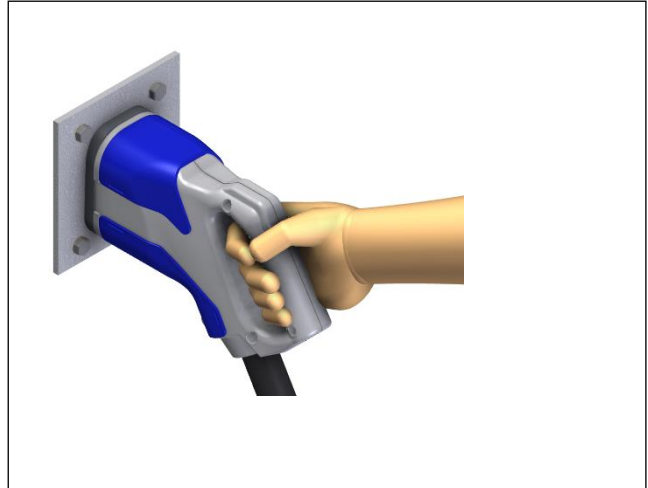
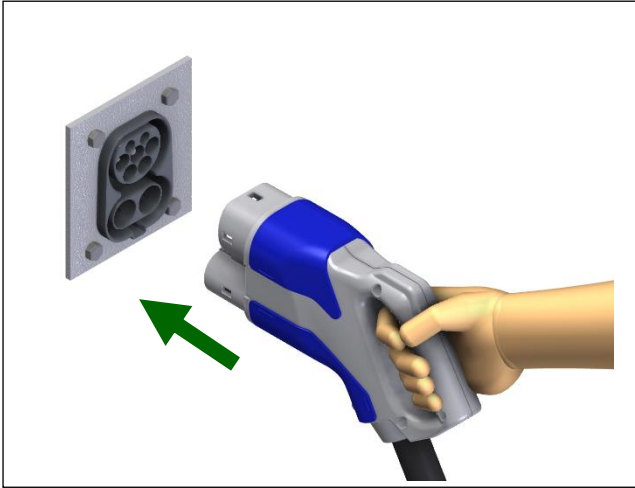
Connector		
External dimensions		L260 × H154 × W75 (mm)
Weight		1.1kg (Except cable)
Body		Thermoplastic
Contact	Contact	Tough pitch copper (Surface plating)
	Communication	Brass (Surface plating)
Temperature Detector		Pt 1000 (1pc or 2pcs)



《How to handle connector》

1. Mating the connector

Hold the grip firmly and insert it straight in a vertical direction to the vehicle side inlet.



⚠ WARNING Do not touch connector or cable absolutely after starting charging.

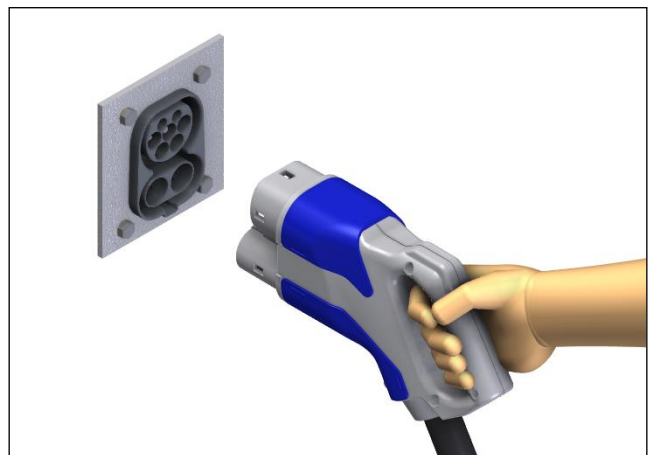
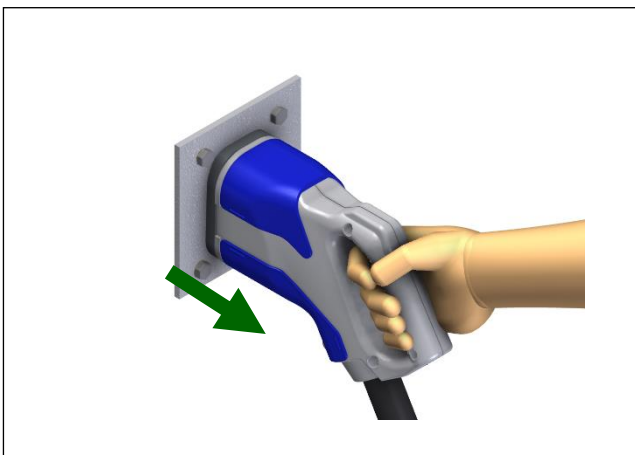
2. Items to be checked before removing the connector

Please confirm that charging is completed.

When stopping charging before the charging is completed, first perform a stop operation at the charger side and confirm that charging is surely stopped.

3. Unmating the connector

Hold the grip firmly and pull it straight out vertically to the vehicle side inlet.



⚠ WARNING Do not pull the connector while charging or locking.