Obara Energy Components

Connector with Cable for Electric Vehicle Fast Charger

CHAdeMO Interface-Connector

Small, Durable, LED Illumination

Advantage

- Compliant to IEC 62196-3 and CHAdeMO 2.0*1
- Elastic material for durability and tough usage
- Vivid LED Illuminating while charging
- Small and flexible cable for easy handling
- Certified with CE and UKCA

Specifications

*1. CHAdeMO 2.0 is adapted to E55341-35-1K and E55341-50-1K.

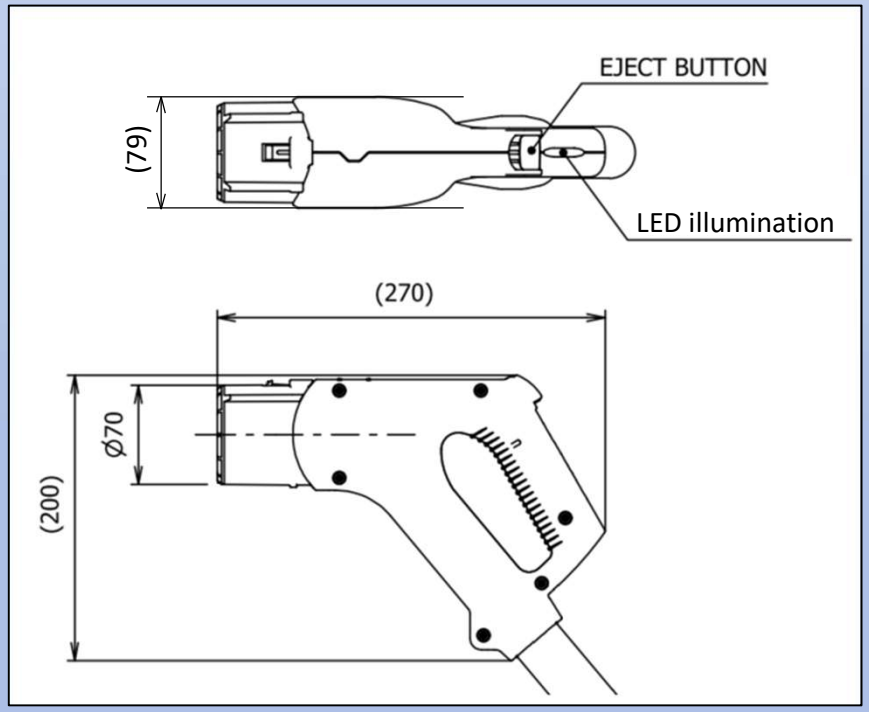
Model number	E55341-10-1K	E55341-35-1K	E55341-50-1K
Rated current	60A	125A	200A
Rated voltage	DC1kV		
Insulation resistance	100MΩ or more		
Withstand voltage	AC3kV/1min		
Inserting force	Less than 100N		
Ambient temperature	-30～+50℃		
Drop impact	No abnormality after free falling from 1m to concrete		
Protection degree	Unmated: IP44 / Mated: IP56		
Endurance	Terminal temperature rise is 90℃ or less, after 10,000 mating and unmating cycles		

Construction

*2. In 3 pairs, 2 of them are connected to temperature sensors.
*3. JCS 4522 is adapted to 35mm^2 and 50mm^2 cables.

Cable	Standard	*3JCS 4522 / IEC 62893-4-1		
	Cable structure	Power	Control	Control
	Cross section	60A: 10mm^2 125A: 35mm^2 200A: 50mm^2	0.75mm^2	0.75mm^2
	Number of cores	2	7	*23 pairs
	Outer Diameter	60A: Ø22mm 125A: Ø30mm 200A: Ø35mm		
	Cable Weight	60A: 0.6kg/m 125A: 1.3kg/m 200A: 1.8kg/m		
Connector with cable	Standard	CHAdeMO 2.0 / IEC 62196-3		
	Dimension	L (270)mm x H (200)mm x W (79)mm		
	Weight	Approx. 0.9kg(without cable)		
	Housing	Plastic		

Dimension



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