

Datasheet



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Type 2 Connectors

Environmental Performance

Operating temperature
-30°C - +50°C
Degree of protection
IP54



Electrical Performance

Rated current	Operation voltage	Insulation resistance
32A	240V/415V	> 1000MΩ(DC500V)
Contact Resistance	Terminal temperature rise	Withstand voltage
1mΩ Max	< 50K	2500V

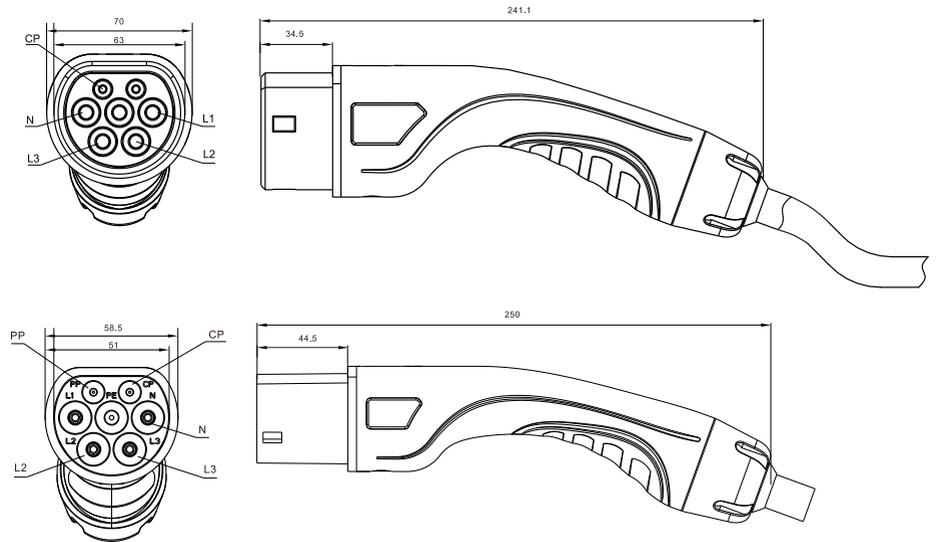
Mechanical Properties

Mechanical life	no-load plug in/out > 10000 times
Coupled insertion force	40N < F < 100N
Impact of external force	It can withstand 1m height drop and 2T vehicle rolling

Applied Materials

Case material	thermoplastic, flame retardant grade UL94 V-0;
Terminal	Copper alloy, silver plating

Product Size



Product Specification

Product Model	Rated current	Cable specification
BCG-B32-TL2	415V/32A	Three phase: 5×6mm ² +1×0.75mm ² /TPU, Φ17±0.4 7m / 10m