

VEHICLE SIDE ASSEMBLY:

The vehicle side assembly consists of the Charging Socket & the Harness connected to the Charger inside the car, & serves as the charging point for the vehicle.

Technical details are as follows ---

Current	16 A
Voltage	230 V ac
Type	3 pin single phase (Three wire system P,N,E)
Contact	Wire will be connected to terminal pins

The different types of Vehicle side charging sockets, shown below are customer specific products & are designed as per the manufacturer's design & space availability.



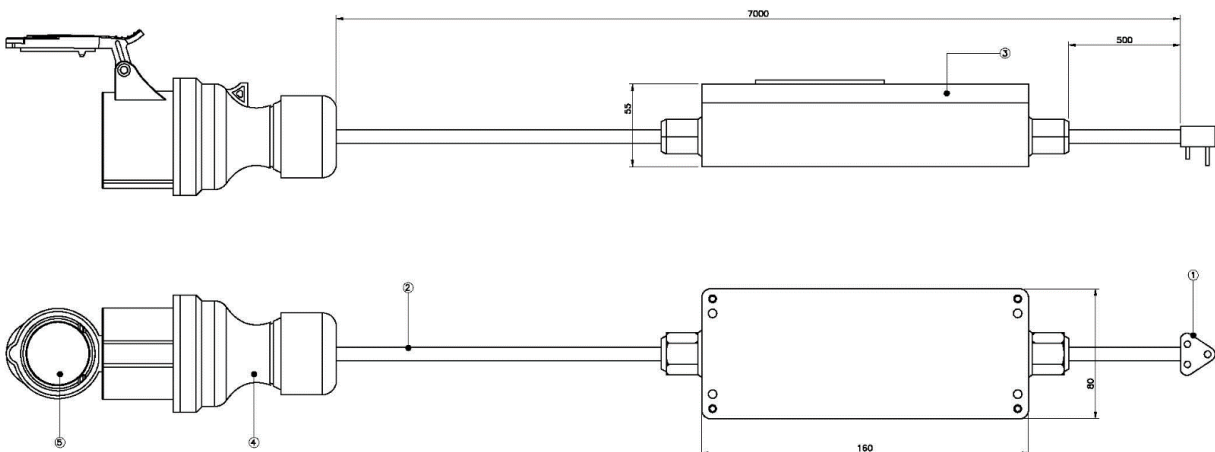
CHARGING SIDE ASSEMBLY:

The charging side assembly broadly consists of three parts ---

- A. Supply side plug and cable
- B. RCD
- C. Vehicle side connecting plug.

This assembly connects to the main inlet power supply 230 VAC on one side, and through the RCD unit supplies power to the vehicle by the vehicle side connecting plug.

Basic schematic of the charging side complete assembly:



VARIANTS OF CHARGE CABLE INPUT PLUG – MAINS SUPPLY SIDE (PLUGGED IN TO THE MAINS)

As per customer requirements we can provide different types of plugs --- 16 A domestic Plug, 16 A IP 44 Plugs & 16 A IP 67 Plugs conforming to IEC 60309 standards. These different types of plugs are MALE TYPE open ended plugs without covers which connect directly to the Mains supply.

Technical details are as follows ---

Current	16 A
Voltage	230 V ac
Type	3 pin single phase (Three wire system P,N,E)



VARIANTS OF CHARGE CABLE OUTPUT PLUG – VEHICLE SIDE (PLUGGED IN TO THE VEHICLE)

The standard Plugs are FEMALE TYPE closed end plugs, with minimum IP 54 & a maximum up to IP 67 degree of protection and conforms to IEC 60309 standards. Customer specific designs are available.

Technical details are as follows ---

Current	16 A
Voltage	230 V ac
Type	3 pin single phase (Three wire system P, N, E)

