

EVSE-200

EVSE Adapter



EMC & LVD

EN: 61326

EN: 61010-1

EN: 61010-02-032

EN: 61010-02-033



The EVSE-200 is an extender for interfacing Electric Vehicle Supply Equipment (EVSE) to test socket of installation tester for verification of electrical safety and functional testing. It is intended for testing Mode 3 EV supply equipment with type 2 connector.

The EVSE-200 adapter allows you to conduct tests in combination with appropriate test instruments like an installation tester (for example DT-6650 Series).

Functions

- PE Pre-Test: With this safety feature the PE conductor can be tested for possible presence of dangerous voltage against earth.
- Proximity Pilot (PP) state "Cable Simulation": With PP State rotary switch the adapter can simulate various current capabilities of charging cables.
- Control Pilot (CP) state "Vehicle Simulation": With CP State rotary switch selector various charging states can be simulated.
- Simulation of CP error "E"
- Simulation of PE error (Earth fault)
- Simulation of PE error (Earth fault)

Product information

- Suitable to vehicle charging stations with charging mode 3
- EV-connectors for type 2 and type 1
- Measuring terminals L1, L2, L3, N and PE to connect test device like installation tester to perform safety and functional tests.
- Terminals for CP signal output to check communication between adapter (=simulated electrical vehicle) and charging station.

Product highlights

- Separate phase indication by three LED lamps for easy check if voltage is present.
- Mains socket offering the possibility to connect an external load to check if the electric power meter works and counts in the right manner.
- IP 54 rating - Dust and splashing water protected

Technical specifications

Input	Max 250V (single -phase system)/max 430V (three -phase system).50 /60HZ,MAX 10	
EVC -200 -Connector	AC charging mode 3. Suitable for type 2 wall top contact or fixed cable with vehicle connection (type 2. 7P operational phase)	
EVC -100 -Connector	AC charging mode 3. Suitable for type 1 with vehicle connection (Type 1,5P single -phase)	
Dimensions(B*H*L)	235*60*60mm(length without connecting cable)	
Weight	832g(Weight without connecting cable)	
IP protection	IP54	
Safety	IEC/EN 61010-1 IEC61010-2	
Overvoltage category	CAT II 300V	
Pollution degree	2	
Protection classification	double insulation	
Altitude	Max 2000 meters above sea level	
Working temperature range	0°C...40°C	
Maximum relative humidity	95 %RH (0°C ~ 40°C), non-condensing	
Storage temperature range	-10°C ~ 50°C	
Maximum relative humidity	90 %RH (-10°C ~ 40°C) 80 %RH (40°C ~ 60°C)	
PE pre-test	yes	
PP simulation	open(Error condition or disconnection of plug)	
	13A	Coding for maximum current of the EV cable. EVSE is connected and can operate in any of these coding position.
	20A	
	32A	
	63A	
CP simulation	states A (EV disconnected)	
	states B (EV connected)	
	states C (EV charged without ventilation)	
	states D (EV charged with ventilation)	
CP error“E”	on(CP short to PE via diode)/off	
PE error	on (PE error)/off	

Size(HxWxD): 208mm x 105mm x50mm Weight: 832g

Accessories: Type 2 play(standard), Type 1 play(Optional), Gift box & Carrying case.



Model EVSE-200

