TEV200 EVProbe Kit

Plugs directly into your Digital Multimeter (DMM), Clamp Meter or Multifunction Tester (MFT)

Features:

- Simply connects by wire (Standard Male Banana Type) between the EVSE charging point (Type-2 connector) and the measurement inputs of the DMM, Clamp or MFT. All wires of the charging connector are available: L1, L2, L3, N, PE, CP and PP
- Allows you to perform typical MFT measurements: Voltage, frequency, phase indication, phase sequence, various RCD tests and measurements, insulation resistance, low ohm measurements, line and loop impedances (If supported by the measuring input device)
- Built-In Control Pilot (CP) State (Vehicle Simulation Switch) - Different vehicle states can be simulated: Vehicle states are simulated with different resistances connected between CP and PE conductors
- CP Signal output terminals - Use an oscilloscope to check the waveform and amplitude of the CP signal
- CP Error “E” simulation: Simulate the behavior of the station when there is an established short circuit between CP and PE
- Complies with EMC Directive (2014/30/EU), EN61010-1 standard and the Low Voltage Directive (2014/35/ EU)
- Includes (1) IEC62196-2 Type 2 male to female adaptor/converter and pouch case

Type 1 Connection Tesla Connection

Specifications

Input Voltage	230 / 400 V 3 Phase 50 / 60 Hz
CP Simulation	States A, B, C,
PP Simulation	Setup internally to 20 A
Error Simulation	CP error “E”, PE (Earth Fault) Error
Measurement Category	CAT II 300 V
Mains Socket Rating	Maz 10A
Test Connector Type	IEC62196-2 Type 2 male (Male to Female Adaptor Included/Tesla)
Test Cable Length	19.7” (0.5m)
Power	Powered by Charging System
Dimensions	7.7”x 4.2” (6x 60mm)
Weight	14.0oz (396g)

Control Pilot (CP) State (Vehicle Simulation)

Vehicle State	State Description	CP/PE Resistance	Vehicle State
A	Electric vehicle not connected	open (∞)	±12V @ 1KHz
B	Electric vehicle connected, not ready to charge	2.74 K	+9V/-12V@1KHz
C	Electric vehicle connected, ready to charge, ventilation not required	882Ω	+6V/-12 @ 1KHz
E	CP Error	0Ω	0V

Ordering Information:

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CAT II 300V RoHS CE