

Other instruments / adapters / accessories

A 1532 EVSE adapter



The A 1532 EVSE adapter is a special accessory intended for testing Electric Vehicle Supply Equipment (EVSE) together with supported METREL installation testers. It is used for verification of electrical safety and functional testing of EVSE. It is intended for testing Mode 3 EV supply equipment with a type 2 connector.

If used together with Metrel AUTOSEQUENCES®, prebuilt in the newer multifunctional testers, the complete EVSE charging station can be tested (state-by-state) electrically and functionally with a push of a button. It is possible to create a professional station-based report with MESM.

KEY FEATURES

- Banana socket outputs for connection to a 3-phase installation tester;
- Voltage indicators on EVSE output;
- Proximity Pilot resistance selector for simulation of EV cable presence and current rating detection;
- Control Pilot resistance selector for simulation of electric vehicle status;
- Socket output for connection to a 1-phase installation tester (Phase 1, Neutral, PE);
- Type 2 Male Plug connector for connection to EVSE;
- Output BNC connector for CP signal monitoring;
- **6 mA EV RCD** support;
- **Functional tests** support;*
- **EVSE AUTO SEQUENCE®** support;*
- **MESM report** creation;**
- **Basic support:**
 - A 1532;
- **Partial support:**
 - 6 mA EV RCD;
 - EVSE report;**
- **Full support:**
 - Functional test support;
 - EVSE AUTO SEQUENCE® support.

APPLICATION

- On-site testing of EVSE charging station installation;
- Initial and periodic testing of private, semi-private and public EVSE charging stations.

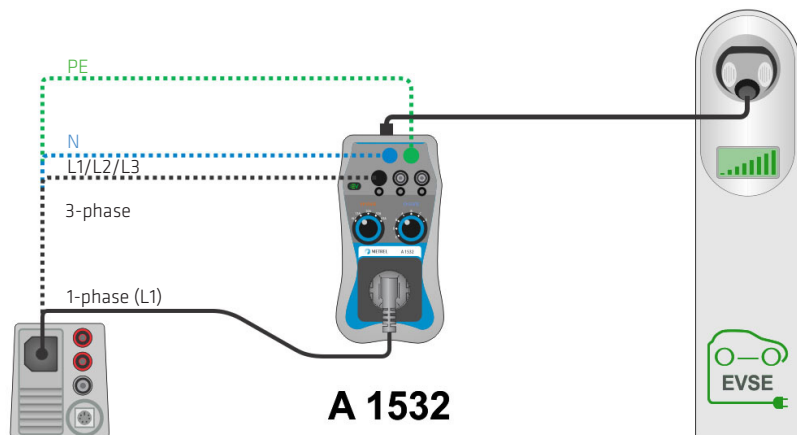
STANDARDS

Safety

- EN 61010-1

Functionality

- EN 61851-1



* Functional tests and AUTO SEQUENCE® are supported only on the MI 3152 EurotestXC and MI 3152 H EurotestXC 2.5 kV testers.
 ** Report printing is only available via the MESM PC SW. The MESM license (P 1101) is to be purchased separately.

TECHNICAL SPECIFICATION

Input voltage	400 V (3-phase)
Frequency	50 Hz
Test current	267 A (10ms) intermittent operation
Proximity Pilot (PP) simulation	Open circuit 13 A 20 A 32 A 63 A
Control Pilot (CP) simulation	State A (not connected) State B (connected, not charging) State C (charging without ventilation) State D (charging with ventilation) State E (error - CP short to PE via diode)
Overvoltage category	300 V CAT II
Protection degree	IP 40
Pollution degree	2
Protection classification	Double insulation
Altitude	3000 m above sea level
Dimensions (L x W x H)	250 x 100 x 70 mm
Test lead length	0.5 m
Weight	0.90 kg
Working temperature range	0 °C ... 40 °C @ 95 % RH, non-condensing
Storage temperature range	-10 °C ... +70 °C
Maximum storage relative humidity	90 % RH (-10 °C ... +40 °C) 80 % RH (40 °C ... 60 °C)

SUPPORTED INSTRUMENTS

	A 1532 EVSE	EV RCD	EV RCM	Zs: no EV RCD trip	Functional inspections	EVSE Auto Sequences®	EVSE report
MI 3155 EurotestXD	•	•	•	•	•	•	•
MI 3152 EurotestXC	•	•	•	•	•	•	•
MI 3152H EurotestXC 2,5 kV	•	•	•	•	•	•	•
MI 3102 BT EurotestXE	•	•					•
MI 3102H BT EurotestXE 2,5 kV	•						•
MI 3125 BT Eurotest COMBO	•	•		•			•
MI 3100 SE EurotestEASI	•						
MI 3100 s EurotestEASI	•						
MI 3125 EurotestCOMBO	•						
MI 3105 EurotestXA	•						
MI 3101 EurotestAT	•						

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ORDERING INFORMATION



Standard set A 1532

- Instrument EVSE adapter
- Small soft carrying bag
- Instruction manual

AUTO SEQUENCE EXAMPLE

