

Electrical Equipment / Machine / Switchboard safety

A 1832 Mode 3 Charging Cable Adapter



The A 1832 Mode 3 Charging cable adapter is used for electrical safety testing of Mode 3 EV charging cables with Type 2 connectors together with supported METREL or third-party testers. If used together with Metrel AUTOSEQUENCES®, integrated in the newer multifunctional testers, the EV charging cable can be comprehensively tested (including functionally) with a push of a button. It is possible to create a professional report using MESM software.

KEY FEATURES

- Type 2 connectors enable connection of Mode 3 EV charging cable
- Banana sockets outputs for connecting test instrument test leads
- LED indicators for indication of continuity of phase conductors (L1, L2, L3, N)
- Test input for connecting test instruments with AutoSequences®
- Support for EV CABLES AUTO SEQUENCE®s*
- MESM report creation**

APPLICATION

- Continuity testing of all wires:
 - L1 > L1
 - L2 > L2
 - L3 > L3
 - N > N
 - PE > PE
 - CP > CP
- Resistance of PP resistor (input)
- Resistance of PP resistor (output)
- Fast continuity check of L1, L2, L3, N conductors with LEDs (by using the sub leakage test)
- Insulation resistance of phase conductors to earth

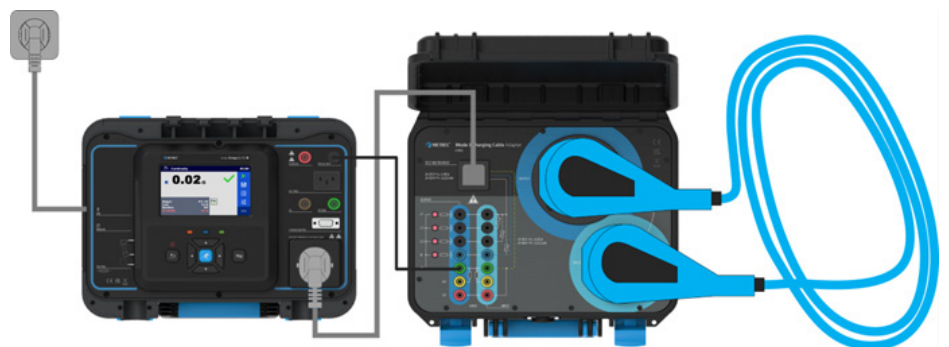
STANDARDS

Safety

- EN 61010-1
- EN 61010 - 2 - 030
- EN 61010 - 031

Functionality

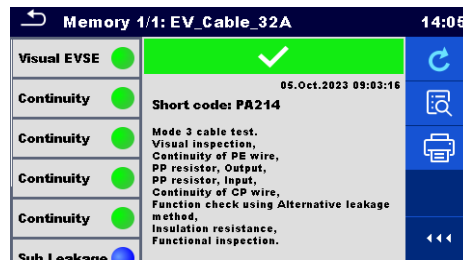
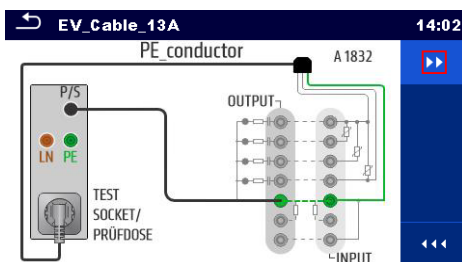
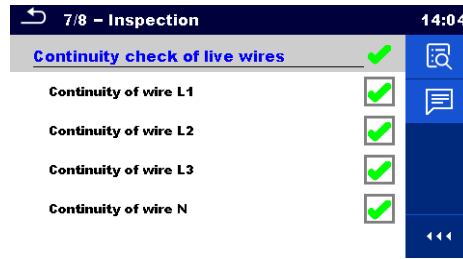
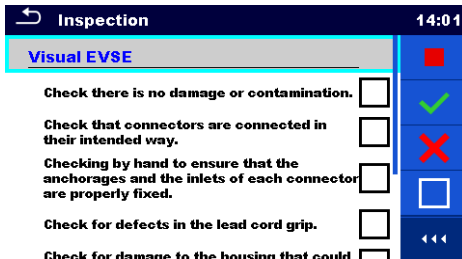
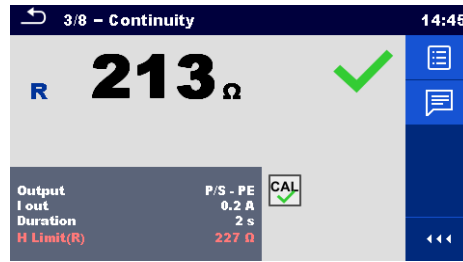
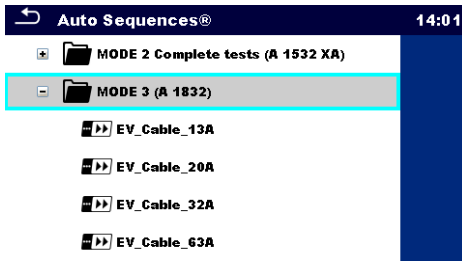
- EN 61851-1



* AUTO SEQUENCE®s are supported only on the MI 3365 OmegaEE XD instrument series.

** Report printing is only available via the MESM PC SW. The MESM license (P 1101) must be purchased separately.

AUTO SEQUENCE EXAMPLE



ORDERING INFORMATION



Standard set A 1832

- Adapter A 1832 Mode 3 Charging Cable Adapter
- A 1053 Power cable L=1,5m BK 0,75mm² Metrel connector/Schuko EU male
- Instruction manual

GENERAL DATA

Charging cable connector	Type 2
Maximum test current	10 A on test connector / 25 A on banana sockets
Measuring category	50 V no CAT, max. transient overvoltage 1100 V
Protection classification	Double insulation
Altitude	2000 m
Pollution degree	2
Protection degree	IP 40
Dimensions (w x h x l)	30 cm x 15 cm x 34 cm
Weight	3.16 kg
Operation conditions	
Working temperature range	0 °C ... +40 °C
Maximum relative humidity	95 % RH (0 °C ... 40 °C), non-condensing
Operation	Outdoor use
Storage conditions	
Temperature range	-10 °C ... +70 °C
Maximum relative humidity	90 % RH (-10 °C ... +40 °C) 80 % RH (40 °C ... 60 °C)

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CAN BE USED TOGETHER WITH

Photo	Order No.	Description
	MI 3365	OmegaEE XD
	MI 3365 25A	OmegaEE XD
	MI 3365 M	OmegaEE XD
	MI 3365 F	OmegaEE XD
	MI 3132	EV Tester