DATASHEET
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GOSSEN METRAWATT
GMC-INSTRUMENTS GROUP

METRALINE EVSE IT (Z525M)

1-/3-PHASE TEST ADAPTER FOR TESTING THE EFFECTIVENESS OF PROTECTIVE MEASURES AT E-CHARGING POINTS FOR THE METRALINE MF

- Type 2 plug
- Simulation of CP states A, B, C and E per DIN EN IEC 61851-1 / VDE 0122-1
- Direct connection to and versatile application options in combination with the METRALINE MF installation tester
- Long test cable (1.5 m)
- Convenient and safe adaptation to AC charging points
- Simple operation, perfectly matched to the way you work



APPLICATION

METRALINE EVSE IT is a test adapter (accessory) which supports all relevant measurements to be performed with the METRALINE MF installation tester. It is connected between the EVSE charging point (type 2 plug) and the measuring inputs of the METRALINE MF. All wires of the charging plug are available: L1, L2, L3, N, PE, CP and PP.

The following typical measurements can be performed: voltage, frequency, phase display, phase sequence, various RCD tests and measurements, insulation resistance, low-resistance measurements, line and loop impedance, etc.

SCOPE OF DELIVERY

Standard Scope of Delivery:

1 METRALINE EVSE IT
1 Operating Instructions

ASSOCIATED MEASURING/ TEST INSTRUMENT

METRALINE MF (M520F) – Multifunctional installation tester for standards-compliant testing in electrical systems and installations in accordance with IEC 60364-6 (DIN VDE 0100-600), DIN EN 50110-1 (DIN VDE 0105-100), IEC 61851-1 (DIN VDE 0122-1) and the corresponding sections of EN 61557 (VDE 0413).

TECHNICAL DATA

Input voltage:	230 V / 400 V 3~ 50/60 Hz	**CP simulation**	Mode A, B, C
Measuring category:	CAT II 300 V	**Fault simulation:**	CP fault “E”
Current-carrying capacity:	max. 10 A	**Operating temperatures:**	0 … +40 °C
Fixed terminals at the measuring/ test instrument:	4 mm safety plugs	**Storage temperatures:**	–10 … +50 °C
Charging plug:	IEC 62196-2 type 2 plug	**Humidity:**	0 … 80 % relative humidity
Length of test cable:	1.5 m	**Protection category:**	IP 40
PP simulation:	configured internally for 32 A	**Compliance with:**	DIN EN 61010-1 / DIN EN 61010-031

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YOUR CONTACT PARTNER

Gossen Metrawatt GmbH
Südwestpark 15
90449 Nürnberg
Germany

+49 911 8602-0
+49 911 8602-669
info@gossenmetrawatt.com
www.gossenmetrawatt.com