



Genion One MC

Genion One MC, Home manager for EV charging with self-supply

Code: V40702.

- > Protocol: Modbus RTU
- > Clamp: 3 MC1-20-50/100/150A
- > Communications: RS-485 | Ethernet | Wi-Fi

Specifications

AC power supply	
Installation category	CAT III 300 V
Consumption	4,5 ... 6,5 VA
Frequency	47 ... 63 Hz
Nominal voltage	90 ... 264 V~

Mechanical characteristics	
Size (mm) width x height x depth	105 x 89 x 49,5 (mm)
Envelope	Polycarbonate UL94 - Self-extinguishing V0
Fastening	DIN rail
Weight (kg)	0,15

Environmental characteristics	
Protection class	IP 20
Relative humidity (without condensation)	5...95 %
Storage temperature	-25...+75 °C
Working temperature	-10...+50 °C

Current measurement circuit	
Installation category	CAT III 300 V
Nominal current (In)	... / 250 mA
Phase current measuring range	2...120 % In
Maximum pulse current	3 x In A
Minimum current measurement	1 % In

Voltage measurement circuit	
Installation category	CAT III 300 V
Input impedance	1 MΩ
Voltage measuring range	5 ... 120 % Un
Nominal voltage	230 V ~ (Ph-N) / 480 V ~ (Ph-Ph)

Communications	
Band	2,4 GHz.
Protocol	Modbus RTU
Type	Ethernet / RS-485 / Wi-Fi
Speed	Ethernet 10 /100 BT (Mbit/s), RS-485: 9600 ... 57600 bps



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Standards	IEEE 802.11 b / g / n
Standards	
Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	CAT III 300 V
Standards	UNE-EN 61010-1, UNE-EN 61010-2-30, UNE-EN 60068-2-1, UNE-EN 60068-2-2, UNE-EN 60068-2-78, UNE-EN IEC 61326-1
Electrical safety	
Insulation	Double-insulated electric shock protection class II (IEC 61010)
User interface	
LED	4
Memory	
Type	PSRAM (8 MB) & SPI Flash (16 MB)
Measurement accuracy	
Active energy measurement (kWh)	Class 1

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V40702.	Genion One MC	3 MC1-20-50/100/150A	RS-485 Ethernet Wi-Fi	Modbus RTU



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Dimensions



Connections

