

EM100 Smart Energy Meters

Touch screen interface and onboard communications

ENERGY MANAGEMENT AND BUILDING AUTOMATION



The Future of Energy Meters is here

Touch screen interface and onboard communication just the beginning ...

When it comes to technology and performance, the NEW EM100 series of single phase energy meters raises the bar!

EM100 Series Features:

- Touch screen display with backlight (EM111/EM112)
- Direct connect up to 45A (EM110/EM111)
- Direct connect up to 100A (EM112)
- Compact dimensions
- RS485 Modbus communication options
- Class 1 (kWh) to IEC 62053-21
- Self-power supply
- Wrong current detection



EM110DINAV81XO1X



EM111DINAV81XS1X



EM112DINAV01XS1X

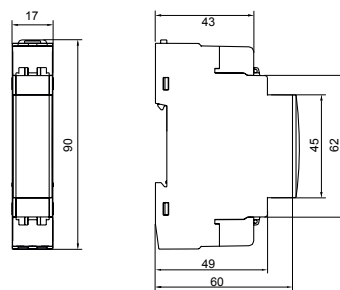
Ordering Information

Description	Catalogue No.
Direct connect 45A kWh electromechanical meter with pulse output	EM110DINAV81XO1X
Direct connect 45A LCD energy meter with RS485 Modbus	EM111DINAV81XS1X
Direct connect 100A LCD energy meter with RS485 Modbus	EM112DINAV01XS1X

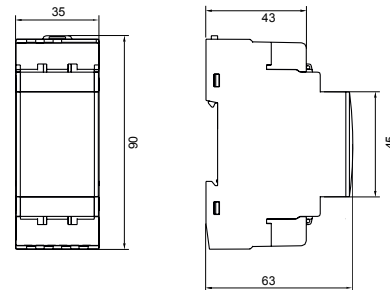
Technical Summary

	EM110	EM111	EM112
Class (kWh) IEC 62053-21	1	1	1
System variables	Total kWh	kW, kvar, V, A, PF, Hz, kWdmd, kWdmd peak	kW, kvar, V, A, PF, Hz, kWdmd, kWdmd peak
Direct current measurement	45A	45A	100A
Input (for tariff management)	-	1	1
Output	Pulse output	RS485 Modbus port	RS485 Modbus port
LED indication	Yes	Yes	Yes

Dimensions



EM110/EM111 Dimensions



EM112 Dimensions



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