

EM11DINAV81XS1X

Carlo Gavazzi EM11 EM111 Direct Connect Meter 45A Single Din plus RS485



SINGLE PHASE ENERGY METERS



Component type	Multifunction energy meter
Range	EM111
Model	N/A
Product status	Existing

The Carlo Gavazzi EM11 Direct Connect energy meter range offers an economical solution for single-phase energy monitoring in various settings, including commercial and industrial applications. Its compact design and easy installation enable seamless integration within a load centre or panel board. Its features of remote monitoring through Modbus or pulse output options make it a cost-effective solution for single load/phase monitoring.

ELECTRICAL

Nominal current (In)	5.0 A
Nominal voltage (Un) L-L	- V
Nominal voltage (Un) N-L	230 - 230 V
Frequency	45 - 65 Hz
Sampling frequency	4096.0 Hz
Rated insulation voltage Ui	4000.0 V
Pulse rate	1000 - 1000 Imp/kWh (kvarh)
Refresh time	1.0 s
Pole type	Single phase
Type of display	LCD

COMMUNICATION

Tariff control	External
Tariff type	One-tariff
Pulse output	Optic
Supporting protocol for Modbus	Yes

CONSTRUCTION

Display	7 digits
Terminal type	Screw
Mounting method	DIN rail
Material housing	Nylon
With lock code	Yes

DIMENSIONS

Height	90.0 mm
Width	17.0 mm
Depth	60.0 mm
Weight	0.08 kg
Width in number of modular spacings	1.0

ENVIRONMENT

Operating temperature	-25 - 55 °C
Storage temperature	-30 - 80 °C