EM111DINAV81XS1X

Carlo Gavazzi EM111 Direct Connect Meter 45A Single DIN plus RS485

SINGLE PHASE ENERGY METERS



Component type	Multifunction energy meter
Range	EM111
Model	N/A
Alternative	48505004

NHP's range of DIN mountable single-phase direct connect meters includes economical solutions for monitoring your energy consumption. The Carlo Gavazzi EM111 energy meter range offers options, from a basic kWh counter to a compact, comms-enabled basic power analyser.

ELECTRICAL	**Nominal current (In)**	5 A
	Nominal voltage (Un) L-L	- V
	Nominal voltage (Un) N-L	230-230 V
	Frequency	45-65 Hz
	Sampling frequency	4096 Hz
	Rated insulation voltage Ui	4000 V
	Pulse counter	No
	Pulse rate	1000-1000 Imp/kWh (kvarh)
	Refresh time	1 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
	Supporting protocol for other bus systems	No
CONSTRUCTION	**Display**	7 digits
	Terminal type	Screw
	Mounting method	DIN rail
	Material housing	Nylon
	With lock code	Yes
DIMENSIONS	**Height**	90 mm
	Width	17 mm
	Depth	60 mm
	Weight	0.08 kg
	Width in number of modular spacings	1

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

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