



SINGLE PHASE ENERGY METER MID APPROVED

SINGLE PHASE ENERGY METER DIRECT CONNECTION

UP TO 45A - RS485 **MOD. PRO1**

UP TO 100A - RS485 **MOD. PRO2**



Available measure : Current, Voltage, Active, Reactive and Apparent Power, Total and Bidirectional Energy, Freq. , Power Factor, Totalizer for energy bidirectional power measurement, SO pulse.

	PRO1-MOD	PRO2-MOD
DIMENSIONS	140x63x18 mm	141x63x35,8 mm
MOUNTING	DIN Rail	
ACCURACY	COMPLY TO EN50470-1/3 CLASS B	
ACTIVE ENERGY	+/- 1 %	
MINIMUM CURRENT	0,05 Ib	
BASE CURRENT (Ib)	5 A	
MAX CURRENT (Imax)	45 A	100 A
WORKING CURRENT	0,4%Ib...Imax	
OVER CURRENT	30 I max per 0,01 sec	
NOMINAL VOLTAGE	(Un) 230V AC	
WORKING VOLTAGE	195...253 V AC	
OVER VOLTAGE	4KV per 1 minute	
PULSE OUTPUT	Configurable (T-on: 45ms, T-off: 270ms, T-t: 140us)	
FREQUENCY	45...55Hz	
HUMIDITY	<= 75% (< 95% for stock)	
WORKING TEMPERATURE / STOCK TEMPERATURE	-25°C...55°C / -30°C...70°C	-40°C...70°C / -40°C...70°C
CONSUMPTION	<2W...<10VA	
IP PROTECTION	IP 51	
CONFIGURATION	Infrared button on the front / Optic interface via usb (configuration software)	