

SINGLE AND THREE PHASE POWER METER MID APPROVAL

PRO1 - PRO380



**Single phase Power meter
Direct Connection -RS485
mod. PRO1.**



**Three phase Power meter
Direct Connection - RS485
mod. PRO380.**

**Three phase Power meter with
external CTs - RS485 mod.
PRO380-CT.**

Available measurement: Current, Voltage, Active Power, Reactive Power, Apparent Power, Total Energy and bidirectional Energy, Frequency, Power Factor, Totalizer for every Power measurement, bright pulse output S0.

	PRO1-MOD	PRO380-DC-MOD	PRO380-CT-MOD
DIMENSIONS	116 x 63 x 17,5 mm	140 x 63 x 70 mm	
MOUNTING	On DIN rail		
ACCURACY	According to EN 50470-3		
ACTIVE ENERGY	± 1 %		
MIN CURRENT MEASURE	0,05 Ib		
BASE CURRENT (Ib)	5 A		1,5 A
MAX CURRENT (I max)	45 A	100 A	6 A
WORKING CURRENT	0,4% Ib...I max		
OVERCURRENT	30 I max per 0,01 sec		
NOMINAL VOLTAGE (Un)	230 VAC	230/400 VAC	
WORKING VOLTAGE	100/173 V...270/468 V		
OVERVOLTAGE	4 kV for 1 minute		
PULSE OUTPUT S0	Configurable (T-on: 45 ms, T-off: 270 ms, T-t: 140 us)		
FREQUENCY	45...60 Hz		
HUMIDITY	≤ 75% (< 95% for storage)		
WORKING TEMPERATURE	-25 °C...55 °C	-40 °C...70 °C	-25 °C...55 °C
STORAGE TEMPERATURE	-30 °C ...70 °C	-40 °C...70 °C	-30 °C...70 °C
ABSORPTION	< 2 W...< 10 VA		
PROTECTION INDEX	IP51		
CONFIGURATION	By capacitive button on the device		

MID DIRECTIVE

Implemented at national level with the Legislative Decree no. 22/2007 is one of the new approach directives adopted by the European community. The aim of this approach is the definition of technical requirements and shared common, that allow you to move freely within the community tools.

Instruments which fit into this rule, have the CE mark, and it is important to mark that **the Directive relates solely to the design and manufacture of measuring instruments.**