

OMETER



METER AND CONTROLLER

- 16 DRY CONTACT INPUTS
- 8 POWER OUTPUTS
- SINGLE-PHASE POWER LINES 230VAC 50HZ
- EDS BUS COMMUNICATION
- STANDARD 9-WAY DIN-RAIL MOUNT

RoHS 



Device for measuring energy consumption (active and reactive), for single-phase lines (230Vac 50Hz) able to control the electrical power status of connected loads such as lights, sockets, shutters, timed lights, etc. The device has 16 programmable digital inputs to which buttons, switches, sensors or alarms are possible to connect. These inputs can be useful for controlling the on/off status of the power outputs of the same OMeter or any other device connected to the same BUS.

DATA SHEET

MODEL	OMeter
PRODUCT CODE	OMB
CERTIFICATIONS	RoHS, CE
SIZE	159x90x58mm - 9 DIN modules
WEIGHT	490g
POWER SUPPLY	13,8÷15Vdc from EDS Bus
CURRENT DRAW	max 350mA, average 100mA
BUS COMMUNICATION	EDS (supply voltage 13,8÷15Vdc)
N° OUTPUT	8 power output
MEASURE ACCURACY	±1%
SINGLE OUTPUT BLOCK MAX CURRENT	300A*40 ms
DISSIPATED POWER FOR SINGLE POWER OUTPUT	5W at 16A
SINGLE BLOCK MAXIMUM LOAD POWER	3,5kW (cosφ=1)
TOTAL BOARD POWER	12kW (cosφ=1)
ELECTRIC POWER DISTRIBUTION ALLOWED	230Vac with neutral
N° INPUT	16 dry inputs
MAXIMUM CONTACT LENGTH	100m (wire size = 1,5mm)
OPERATING TEMPERATURE	min -10°C max +60°C
WAREHOUSING TEMPERATURE	min -40°C max +80°C