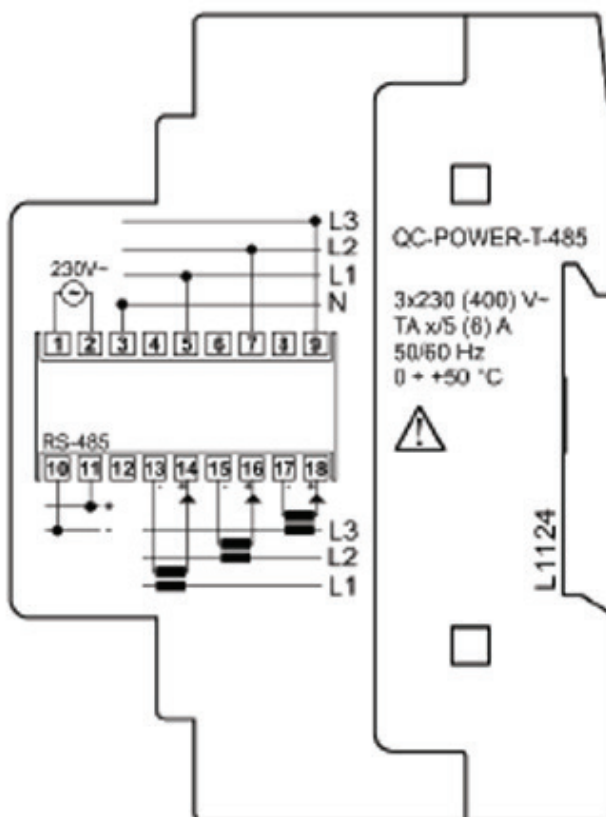


Power Meter

Three-phase network analyzer - RS485 Modbus

The QC-POWER-T-485 network analyzer is a digital multimeter for three-phase systems for measurements of true effective value (TRMS) on single phase measurements, three-phase, three-phase with neutral, for balanced and unbalanced systems. RS485 Modbus RTU serial output.



Main features:

- Measurement and display of quantities of a three-phase system: voltage, current, active, reactive and apparent power, power factor, frequency, active and reactive energy;
- Possibility to display the system quantities and the maximum recorded value of the current system size;
- Storage of peak values and related timing referred to the current time;
- Selectable TA and TV reports directly from the keyboard;
- Reset Active and Reactive Energy counters;
- RS485 Modbus RTU serial output.

Instrument for the measurement of:

- Voltages (TRMS) (phase-to-phase voltage)
- Currents (TRMS)
- Active, reactive, apparent power
- Active and reactive energy
- Frequency
- Power factor
- Phase angle

REGULATORY REFERENCES

The compliance with European Directives: 2006/95/EC (Low voltage) and 2004/108/EC (Electromagnetic compatibility) is declared in reference to the following Regulations:

- Safety (CEI EN 61010-1)
- E.M. Compatibility CEI EN 61000-6-4

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Technical Data Sheet

SUPPLY	V AC	230(-15% ÷ + 10%)
FREQUENCY	Hz	50/ 60
ABSORPTION	VA	4
DISPLAY		LCD backlit
DEGREE OF FRONTAL POWER	IP	54
VOLTAGE PRECISION		0,5% f.s. + 1 digit
CURRENT PRECISION		0,5% f.s. + 1 digit
POWER PRECISION		1% f.s. + 1 digit
FREQUENCY PRECISION	Hz	± 1
ACTIVE ENERGY		Class 2
REACTIVE ENERGY		Class 3
OPERATING TEMPERATURE	°C	0 ÷ +50
STORAGE TEMPERATURE	°C	-20 ÷ +60
TERMINATION		Solid wood 6 sq.mm.
MATERIAL		Class VO by regulation UL94
RELATIVE HUMIDITY		10 ÷ 90% non condensing
MAXIMUM VOLTMETER INPUT VOLTAGE (DIRECT INSERTION)		550 V RMS (47 ÷ 63 Hz)
CONVERSION RATIO		TV 1 ÷ 9999 V TV 1 ÷ 9999 A

