



### THREE-PHASE NETWORK ANALYZER **QC-POWER-T-485** RS485 Modbus RTU

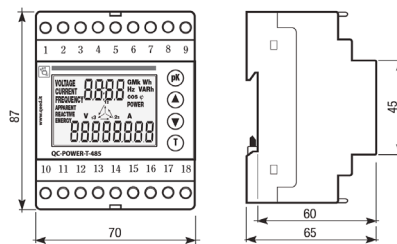
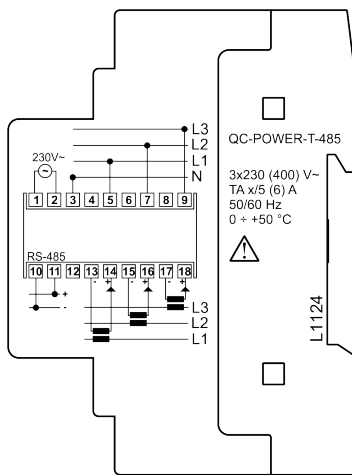
#### Main characteristic:

- Power Supply: 230 V AC
- Measurement: Voltage (TRMS) chained and phased, Current (TRMS), active Power, reactive Power, apparent Power, Active and reactive Energy, Frequency, Power factor, Phase angle
- CT and VT ratios selectable directly during programming
- Possibility of earthing the secondary circuits of the CT
- Active and reactive energy meter zeroing
- RS-485 output for data communication
- Storage of the peak values and related timing linked to the current

The **QC-POWER-T-485** is a three phase network analyzer 4 DIN modules to monitor the TRMS of the main electrical measurements in single-phase, three-phase and three-phase + neutral systems with balanced and unbalanced load. RS485 Modbus RTU Output.



- Instrument to measure:
  - Voltage (TRMS) (concatenated and phased)
  - Current (TRMS)
  - Active, reactive and apparent power
  - Active and reactive energy
  - Frequency
  - Power factor (cos φ)
  - Phase angle



QC-POWER-T-485

3-PHASE NET ANALYZER

#### GENERAL CHARACTERISTICS

Power supply	V AC	230 (-15% ÷ +10%)
Frequency	Hz	50 / 60
Power consumption	VA	4
Display		LCD
Front protection degree	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
Terminal		6 mm <sup>2</sup>
Case material		Class V0 complying with UL94 standard
Relative humidity		10 ÷ 90% noncondensing
Voltmetric input maximum voltage (direct connection)		550 V RMS (47 ÷ 63 Hz)
Transformation ratios		VT 1 ÷ 9999 V CT 1 ÷ 9999 A

#### REFERENCE STANDARDS

Compliance with Community Directives: 73/23/CEE mod. from 93/68/CEE (Low Voltage) 89/336/CEE mod. from 92/31/CEE and 93/68/CEE (E.M.C.) is declared with reference to the following standards: - Safety: EN 61010-1 - E.M. Compatibility: EN 61000-6-2 / EN 61000-6-4