THREE-PHASE NETWORK ANALYZER
n°2 Relays output 2A 250Vac

QC-POWER-T-RELE

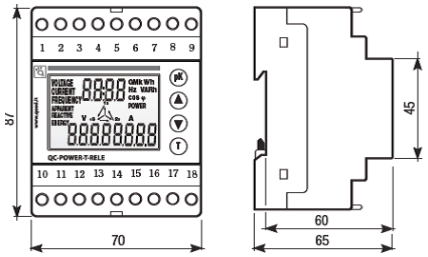
CE

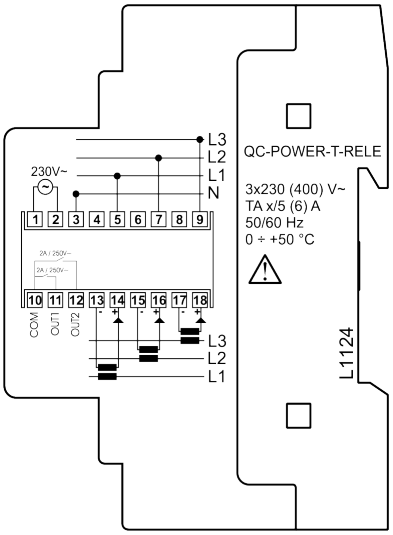
The **QC-POWER-T-RELE** is a three phase network analyzer 4 DIN modules to monitor the TRMS of the main electrical measurements in single-phase, three-phase and three-phase + neutral systems with balanced and unbalanced load

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
- 2 programmable relay outputs (maximum or minimum operation with delay setting or pulse output operation for active and reactive energy)
- Storage of the time of the last relay intervention
- Storage of the peak values and related timing linked to the current time

- 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





GENERAL CHARACTERISTICS

Power supply	V AC	230 (-15% ÷ +10%)
Frequency	Hz	50 / 60
Power consumption	VA	7
Display		LCD
Alarm relay capacity		2 A / 250 V AC
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 mm²
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		CT 1 ÷ 9999 A VT 1 ÷ 9999 V 10 ÷ 65 kV

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