



**THREE-PHASE NETWORK ANALYZER**  
*Integrated CT for measure up to 90 A*

**QC-POWER-T-TA**



The QC-POWER-T-TA is a network analyzer 7 DIN modules direct connection up to 90A 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:**

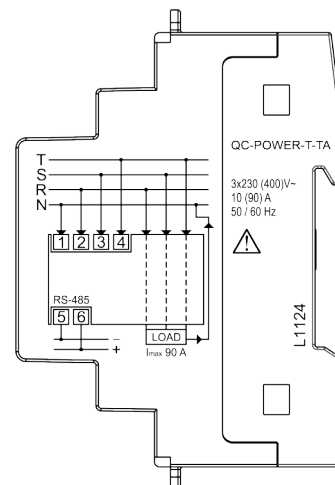
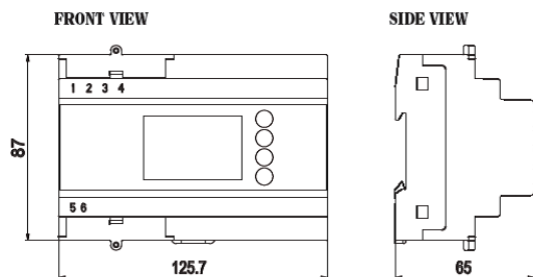
- Power Supply: 400 V AC
- Measurement and display of the measurements on a three-phase system: voltage, current, active, reactive and apparent power, power factor, frequency, active and reactive energy
- Direct connection of the voltage cable
- Direct connection of the current cable through clearance hole (diam. 12,5 mm – cable max section 25 mm<sup>2</sup>)
- RS-485 output for data communication
- Usable in three-phase systems with neutral (with balanced and unbalanced load)
- Usable in three-phase systems without neutral (with balanced and symmetrical load only)

**GENERAL CHARACTERISTICS**

Power supply	V AC	400 (-15 ÷ +10%)
Frequency	Hz	50 / 60
Measurement power consumption	VA	- voltage circuits: <2.5 - current circuits: <2.5 - power supply: <4
Amperometric inputs	A	I <sub>n</sub> = 10 ; I <sub>max</sub> = 90
Voltmetric inputs		V <sub>max</sub> = 440 V (phase-phase) V <sub>max</sub> = 3x253 V (phase-neutral)
Voltage precision		± 0.5% f.s. ± 1 digit (f.s. 253 V)
Current precision		± 0.5% of f.s. ± 1 digit (f.s. 90 A)
Active power precision		± 1% of f.s. ± 1 digit (f.s. 100 W - 1 kW - 10 kW - 100 kW)

Reactive power precision		± 1% of f.s. ± 1 digit (f.s. 100 W - 1 kW - 10 kW - 100 kW)
Power factor precision		± 1%, ± 1 digit
Frequency precision		± 0.1 Hz ± 1 digit
Active energy precision		Class 1
Reactive energy precision		Class 3
Operating temperature	°C	-10 ÷ +45
Storage temperature	°C	-10 ÷ +60
Display		LCD
Container		7 DIN modules
Degree of protection		IP20 / 51 on the front
Voltmetric input terminal		2.5 mm <sup>2</sup>
Serial output RS-485 terminal		2.5 mm <sup>2</sup>
Humidity		10 ÷ 90% RH noncondensing

**DIMENSIONS (mm)**



**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

**3-PHASE NET ANALYZER QC-POWER-T-TA**

