



ELIT PQ5, 3-fas

1-phase and 3-phase logger for i.a. voltage, current, power, THD, kWh / kVAR / kVA, power factor

Technical description

ELIT PQ5 Power Analyzer has 4 BNC connections for measuring current in all phase conductors and N-conductor. Standard current clamps included are Ø36mm flexible for measuring from 0.5A to 600A. As an option, Ø150mm current clamps (ELIT EST-150-BNC-KIT) with measuring range up to 6000A can be supplied. It is also possible to use leakage current clamps on the unit, Ø40mm (ELIT ELST-40) and Ø68mm (ELIT ELST-68) are available as options.

5 pcs 4mm connections for voltage for measuring phase voltages, line voltages and voltage N-PE. ELIT PQ5 can be used on all network systems IT / TT / TN and can be set up for either 1-phase or 3-phase measurement. 5 crocodile clamps are included for connection, as well as 4 magnetic tips for connection directly to the screw on the circuit breaker. Measuring range for voltage is from 1V to 500V.

The instrument has a dedicated function for logging earth faults on the IT network. The instrument will then measure and log the following: Voltage phase-earth and phase-phase, load currents L1 / L2 / L3 and leakage current from 1mA to 1,000A. Clamps for leakage current are purchased separately either Ø40mm or Ø68mm. If desired, the ELIT PQ5 can also be set up to log 3 leakage currents simultaneously.

Logging can either be done to an internal 8Gb memory card or to an external USB memory stick, logging intervals can be set as desired from 1 second to 9999 seconds. At 1 minute logging interval, the logger can log for 6 years before memory is full. ELIT PQ5 also stores maximum and minimum values ??for each logging interval with 20mS measurement speed.



Advantages:

Product name/ Art.nr/ GTIN	
Product name/ Art.nr/ GTIN	ELIT PQ5, 3-fas Energilogger/ 10260007/ 7070811212186
According to:	---
Indication	Digital
Number of voltage input channels	5
Number of current input channels	4
Current measurement	With current clamp meter/clamp adapter
Harmonics measurement	Yes
Power factor	Yes
Effective power	Yes
Reactive power	Yes
Apparent power	Yes
Step angle (cos phi)	Yes
Power/work	Yes
Interface	Yes
Measured value memory	Yes
Current supply	Battery (rechargeable)
Voltage measuring range/AC direct	1 - 500 Volt