

Installation testers

ELT-S

Article number: 626 000 255



Earth loop tester

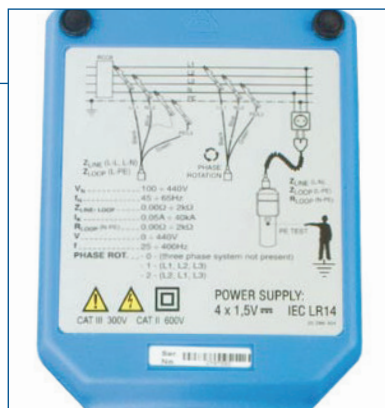
The Earth Loop Impedance Tester ELT-S has been engineered especially for measuring the phase rotation, earth loop resistance via neutral (N), earth loop impedance via phase (L) and net impedance of LV-installations, all according to the EN 61557 regulation. The instrument is fully electronic and can perform line and loop impedance on single- or three phase systems. It is also possible to measure the loop resistance between neutral and earth without tripping the RCD's.

Following tests

- Earth loop impedance
- Earth loop resistance between neutral and earth
- Prospective short circuit current (Ipsc)
- Net impedance between phase and neutral lines and between two phase lines on a three phase system
- The condition of the protective earth potential (safe or dangerous)
- Voltage
- Frequency three phase rotation field



Profiles





The ELT-S has an internal memory with 500-locations for storing the measured values. These stored values can easily be transferred to a PC via the RS232 port.

Including

- + Manual
- + Network test lead



Network test lead

Recommended accessories

Carrying bag MSa 7	561 260 036
Strap	626 000 587
Protective holster	626 000 579
Test leads ELT-a2	626 000 302
(see pages 38 - 41)	

Specifications

Function	Range
Voltage	0 – 440 V
Frequency	25 – 199,9 / 200 - 500 Hz
Network impedance phase-zero/ Phase-Phase/Phase-Earth	0 ... 1999 Ω
Potential short-circuit current Phase-Zero/Phase-Phase	0.06 ... 40k
Earthloop resistance Zero-Earth	0 – 1999 Ω

Specifications	
Memory	500 locations
Output	RS232, serial 4800 baud
Over voltage category	CATII 600V / CAT III 300V
IP protection	IP50
Power supply	4 x LR14 battery
Dimensions	290 x 110 x 65 mm.
Weight	0,9 kg