



Loop Resistance Tester

TELARIS LOOP-TEST Loop Resistance Tester

- Measurement of loop resistance and prospective short circuit current measurement without tripping the RCD
- Line resistance and prospective short circuit current measurement
- Enables the user to measure each conductor resistance independently: PE resistance, phase resistance and neutral resistance
- Voltage and frequency measurement
- Integrated memory for approx. 250 measurement values
- Standard, built-in IR/RS-232 interface for transferring measurement data to the PC
- Software es control for recording test results is available as option
- Integrated socket test with contact electrode to enable the user to quickly establish incorrectly installed sockets and/or protective conductor failures
- Pre-selection of max. admissible contact voltage
- Clear and large LCD providing the user with an optimum visual indication of both test values and limits
- Auto power off
- Patented measurement principle of loop resistance and prospective short circuit current measurement without tripping the RCD

FEATURES	TELARIS LOOP-TEST
Display	3½ digit; LCD; 1999 Digits Measurement range / Resolution / Tolerance
Loop impedance	0.05...1999Ω/0.01...1Ω±(5%rdg.+5 Digits)
Line resistance	0.05...19.99Ω/ 0.01/±(5% rdg.+ 5 Digits)
Resistance neutral connector	0.05...19.99Ω/0.01/±(5% rdg.+ 5 Digits)
Resistance earth connector	0.05...1999Ω/0.01...1Ω±(5%rdg.+5Digits)
Resistance phase connector	0.05...19.99Ω/0.01/±(5% rdg.+ 5 Digits)
Prospective short circuit current	1 A...4.6 kA / 1 A, 10 A
Voltage	0...300 V / 1 V /±(3% rdg.+3 Digits)
Mains frequency	10...200 Hz/0.1 Hz/±(1% rdg.+ 2 Digits)
Contact voltage	25 V / 50 V (selectable)
Data memory approx.	250 Meas. values
Interface	IR / RS-232 interface-adapter
Protection class	II (double insulated)
Safety complying with I	EC61010/EN61010/ DIN VDE 0411 IEC61557/EN61557/DIN VDE 0413
Measurement category	CAT III / 300 V
Pollution degree	2
Protection degree	IP 50
Power supply	1 x 9 V, IEC 6LR61