



TELARIS 0100-PLUS Multifunction Installation Tester

- Loop resistance measurement up to 265 V
- Line resistance measurement up to 440 V
- Prospective short circuit current measurement
- RCD measurements (contact voltage, trip time, trip current - ramp method)
- Low Ohm measurement
- Insulation measurement with 100, 250, 500 V
- Voltage and frequency measurement
- Rotary field test
- Integrated memory for approx. 500 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
- Clear and large LCD providing the user with an optimum visual indication of both test values and limits
- Auto power off
- Measurement of loop resistance and prospective short circuit current measurement without tripping the RCD

FEATURES		
Display	LCD, 3½-digit, 1999 Digits Measurement Ranges	Resolution
Voltage	1...440 V	1V AC/DC
Frequency	10...99,9 Hz	0,1 Hz
Loop Impedance	0,15...19,99/199,9/1999 Ω	0,01/0,1/1 Ω
Prospective Short Circuit Current Input Voltage Range Test Current Line Resistance	0,10 A...1,7 kA 195...264 V 50/60 Hz approx. 4,6 A (at 230 V) 0,15...19,99Ω/199,9/1999 Ω	0,01A...0,1 kA 0,01/0,1/1 Ω
Prospective Short Circuit Current Input Voltage Range Test Current Loop Resistance (without tripping the RCD)	0,10 A...2,7 kA 195...440 V 50/60 Hz approx. 4,6 A (at 230 V) 0,5...19,99Ω/199,9/1999 Ω	0,01A...0,1 kA 0,01/0,1/1Ω
Prospective Short Circuit Current Input Voltage Range Test Current Insulation Resistance Test Voltage Low Ohm Measurement Test Current	0,50 A...0,5 kA 195...264 V 50/60 Hz approx. 5 mA (at 230 V) 0,05...19,99/199,9 MΩ 100, 250, 500 V DC 0,05...19,99/199,9/1999 Ω > 200 mA DC	0,01A...0,1kA 0,01/0,1 MΩ 0,01/0,1/1 Ω
RCD-Test Nominal currents selective: Measurement Functions Contact Voltage Earth Resistance Tripping Time Tripping Current	10, 30, 100, 300, 500mA 0,5 x 30mA, 5 x 30mA 100, 300, 500mA Contact voltage, trip time, Tripping current test with ramp method 1...63 V 10...1999 Ω/19,99 kΩ 1...500 ms 40...140% of IΔN (in 10% steps)	1 Ω/0,01 kΩ 1 ms
Rotary Field Test Input Voltage Range Data memory Interface Safety complying with Measurement category Pollution Degree Protection Degree Power Supply	100...440 V 50/60 Hz approx. 500 values IR-RS-232 IEC61010, EN61010, DIN VDE 0411/ IEC61557, EN61557, DIN VDE 0413 CAT III/440V 2 IP 40 6 x 1,5 V, IEC LR6	