



9073 UNITEST TELARIS® 0100 plus

Key Functions

- 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

General Information

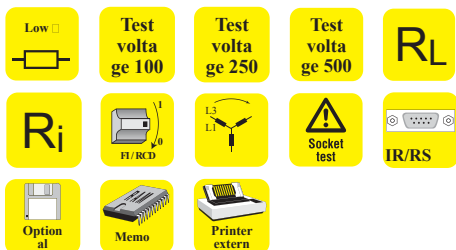
- Integrated memory for approx. 500 measurement values
- Standard, built-in IR RS-232 interface for transferring measurement data to the PC
- UNITEST software for recording test results is available as option
- Integrated socket test with contact electrode to enable the user to quickly establish incorrectly 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

Special Features

- Measurement of loop resistance and prospective short circuit current measurement without tripping the RCD
- Direct Printing of Protocols via an external Printer

Technical Data

Display	LCD, 3/2-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	0,10 A...1,7 kA/0,01A...0,1 kA Input Voltage Range
	195...264 V 50/60 Hz approx.4,6 A (at 230 V)
Test Current	
Line Resistance	0,15...19,99./199,9/1999 Ω 0,01/0,1/1 Ω
Prospective Short Circuit Current	0,10 A...2,7 kA/0,01A...0,1 kA Input Voltage Range
	195...440 V 50/60 Hz approx.4,6 A (at 230 V)
Test Current	
Loop Resistance (without tripping the RCD)	0,5...19,99./199,9/1999 Ω 0,01/0,1/1 Ω
Prospective Short Circuit Current	0,50 A...0,5 kA/0,01A...0,1kA Input Voltage Range
	195...264 V 50/60 Hz
Insulation Resistance	0,05...19,99/199,9 MΩ 0,01/ 0,1 MΩ
Test Voltage	100, 250, 500 V DC
Low Ohm	0,05...19,99/199,9/1999 Ω
Measurement	0,01/0,1/1 Ω > 200 mA DC
Test Current	
RCD-Test Nominal	10, 30, 100, 300, 500mA currents
selective:	0,5 x 30mA, 5 x 30mA
Measurement Functions	Contact voltage, trip time, Tripping current test with ramp method
Contact Voltage	1...63 V
Earth Resistance	10...1999 Ω/19,99 kΩ / 1 Ω/0,01 kΩ
Tripping Time	1...500 ms/1 ms
Tripping Current	40...140% of IΔN (in 10% steps)
Rotary Field Test	
Input Voltage Range	100...440 V 50/60 Hz
Data memory	approx. 500 values
Interface	IR-RS-232
Safety complying with	IEC61010, EN61010,
	DIN VDE 0411/ IEC61557, EN61557, DIN VDE 0413
Measurement category	CAT III/440V
Pollution Degree	2
Protection Degree	IP 40
Power Supply	6 x 1,5 V, IEC LR6
Dimensions	235 x 105 x 70 mm
Weight	approx. 650 g



Scope of Supply:

- 1 pc UNITEST TELARIS 0100 plus
- 1 pc Test lead with Schuko plug system
- 3 pc Test lead with safety plug
- 3 pc Crocodile clamps
- 3 pc Test Probes
- 1 pc Protective Holster
- 1 pc Carrying Case
- 6 pc Batteries 1.5V, IEC LR6
- 1 pc Instruction Manual

Accessories:



UNITEST Software "Report-Studio VDE" without interface adapter
Cat.-No. 1200



Interface adapter
Cat. No. 1157

Professional Carrying Case
Cat.-No. 1229



UNITEST Protocol Printer
Cat. No. 1196

3 Wire Fused Lead Set
Cat. No. FL1073

Order Information:

Description	Cat. No.
UNITEST TELARIS 0100 plus	9073
UNITEST Software "Report-Studio VDE" without interface adapter	1200
Interface adapter	1157
UNITEST Protocol Printer	1196
Fused Lead Set	FL1073