

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

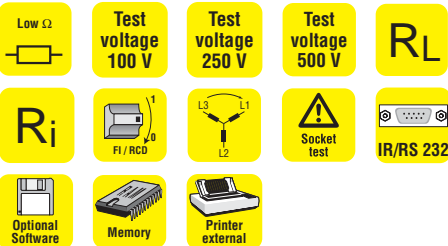
- Integrated memory for approx. 500 measurement values
- Standard, built-in IR RS-232 interface for transferring measurement data to the PC
- UNITESt software for recording test results is available as option
- Integrated socket test with contact electrode to enable the user to quickly establish incorrectly 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 1/2-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
Test Current	approx. 4,6 A (at 230 V)
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
Test Current	approx. 4,6 A (at 230 V)
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...0,1 kA
Input Voltage Range	195...264 V 50/60 Hz
Test Current	approx. 5 mA (at 230 V)
Insulation Resistance	0,05...19,99/199,9 MΩ 0,01/0,1 MΩ
Test Voltage	100, 250, 500 V DC
Low Ohm Measurement	0,05...19,99/199,9/1999 Ω 0,01/0,1/1 Ω
Test Current	> 200 mA DC
RCD-Test Nominal currents selective:	10, 30, 100, 300, 500mA
Measurement Functions	0,5 x 30mA, 5 x 30mA 100, 300, 500mA 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 1.5 V, IEC LR6
- 1 pc Instruction Manual

Accessories:



UNITESt Software
"es control 0100"
without interface adapter
Cat. No. 1251



UNITESt Software
"es control professional 0100"
without interface adapter
Cat. No. 1312



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

Interface adapter
Cat. No. 1157

Professional Carrying Case
Cat.-No. 1229

Test protocol
for installation tests
(German version only)
block 50 x 2 sheets
(carbonated) perforated
Cat. No. 1248

Test labels 60 x 40 mm (250 pc)
(German version only)
Cat. No. 1280

UNITESt Hole Punch
Cat. No. 1237

UNITESt Hole Punch
Cat. No. 1290

UNITESt Protocol Printer
Cat. No. 1196

Order Information:

Description	Cat. No.
UNITESt TELARIS 0100 plus	9073
UNITESt Software „es control 0100“ without interface adapter	1251
UNITESt Software „es control professional 0100“	1312
UNITESt Software "Report-Studio VDE" without interface adapter	1200
Interface adapter	1157
Professional Carrying Case	1229
Test protocol	1278
Protocol Set	1289
Test labels 60 x 40 mm	1280
UNITESt Hole Punch <input type="checkbox"/>	1237
UNITESt Hole Punch <input checked="" type="checkbox"/>	1290
UNITESt Protocol Printer	1196

Prüfung elektrischer Anlagen																				
Kunden-Nr.:	Prüfprotokoll-Nr.:																			
Auftraggeber:	Auftrags-Nr.:																			
Auftrag:																				
Anlage:	Prüfer:																			
Prüfung nach: <input type="checkbox"/> DIN VDE 0105 <input type="checkbox"/> DIN VDE <input type="checkbox"/> Neuanlage <input type="checkbox"/> Erweiterung <input type="checkbox"/> Änderung <input type="checkbox"/> Instandsetzung Netz / System: <input type="checkbox"/> TN-C <input type="checkbox"/> TN-S																				
EVU/WNB Besichtigung: <input type="checkbox"/> Richtige Auswahl der Betriebsmittel <input type="checkbox"/> Kennzeichnung N- und PE-Leiter <input type="checkbox"/> Keine Schäden an Betriebsmitteln <input type="checkbox"/> Kennzeichnung Stromkreis, Betriebsmittel <input type="checkbox"/> Schutz gegen direktes Berühren <input type="checkbox"/> Kabel, Leitungen, Stromschienen <input type="checkbox"/> Brandabschottung <input type="checkbox"/> Kleinspannung mit sicherer Trennung <input type="checkbox"/> Schutztrennung																				
Erprobung: <input type="checkbox"/> Funktion der Anlage <input type="checkbox"/> Funktion der Schutz- und Überwachungseinrichtungen <input type="checkbox"/> Fehlerstromschutzeinrichtung (RCD/FI) <input type="checkbox"/> Drehrichtung der Motoren																				
Messen/Prüfen Stromkreisverteiler Nr. Verwendetes Prüfgerät: <table border="1"> <thead> <tr> <th rowspan="2">Nr.</th> <th colspan="2">Stromkreis</th> <th colspan="2">Leitung/Kabel</th> </tr> <tr> <th>Zielbezeichnung</th> <th>Typ</th> <th>Leiter</th> <th>Anzahl/Que</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		Nr.	Stromkreis		Leitung/Kabel		Zielbezeichnung	Typ	Leiter	Anzahl/Que										
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