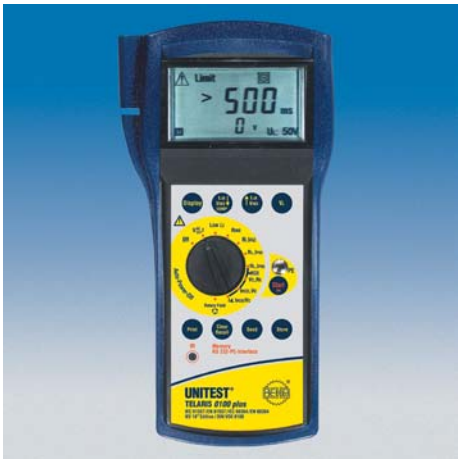


UNITEST TELARIS® *0100 plus*

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

Low Ω | Test voltage 100 V | Test voltage 250 V | Test voltage 500 V | R_L

R_i | FI / RCD | L3 L1 L2 | Socket test | IR/RS 232

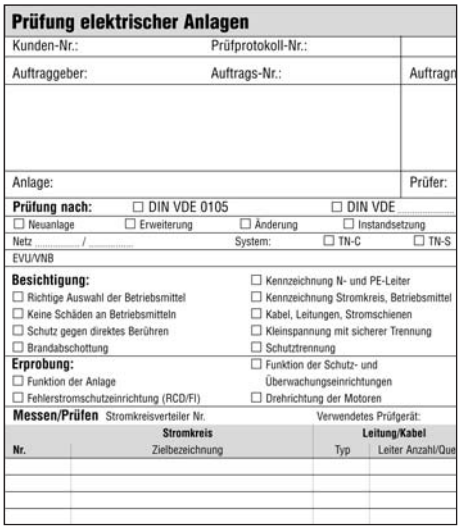
Optional Software | Memory | Printer external

Technical Data

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	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 0,01/0,1/1Ω
Prospective Short Circuit Current	0,50 A...0,5 kA/0,01A...0,1kA
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 0,5 x 30mA, 5 x 30mA 100, 300, 500mA
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 1.5 V, IEC LR6
1 pc Instruction Manual



Prüfung elektrischer Anlagen

Kunden-Nr.: Prüfprotokoll-Nr.:

Auftraggeber: Auftrags-Nr.: Auftragn

Anlage: Prüfer:

Prüfung nach: ☐ DIN VDE 0105 ☐ DIN VDE

☐ Neuanlage ☐ Erweiterung ☐ Änderung ☐ Instandsetzung

Netz / System: ☐ TN-C ☐ TN-S

EVU/VNB

Besichtigung:
☐ Richtige Auswahl der Betriebsmittel
☐ Keine Schäden an Betriebsmitteln
☐ Schutz gegen direktes Berühren
☐ Brandabschottung
☐ Kennzeichnung N- und PE-Leiter
☐ Kennzeichnung Stromkreis, Betriebsmittel
☐ Kabel, Leitungen, Stromschienen
☐ Kleinspannung mit sicherer Trennung
☐ Schutztrennung

Erprobung:
☐ Funktion der Anlage
☐ Fehlerstromschutzeinrichtung (RCD/FI)
☐ Funktion der Schutz- und Überwachungseinrichtungen
☐ Drehrichtung der Motoren

Messen/Prüfen Stromkreisverteiler Nr. Verwendetes Prüfgerät:

Stromkreis		Leitung/Kabel	
Nr.	Zielbezeichnung	Typ	Leiter Anzahl/Que

Part of Test Protocol 1278, only german version available

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 Protcol 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 ⊡	**1237**
UNITEST Hole Punch ⊙	**1290**
UNITEST Protocol Printer	**1196**