

Compact Tester Series LG3800



LG 3800

- Micro processor controlled
- Large 5.7" colour display
- Easy programming via rotary knob
- Flexible configuration of test run
- Integration of IN-/OUTPUTS into the test run
- Ethernet connection for network
- PS2-connection (keyboard/barcode reader)
- RS232 / COM / USB connections








Compact Tester Series LG 3800

The series LG 3800 compact testers combine protective wire, insulation, high voltage and function test in one device thus allowing tests in accordance with many standards (IEC, EN, UL, VDE, etc.). The design of this device meets all of the application requirements such as manual operation or automatic recording or a fully automatic system application. Software packages for remote control support entire concepts as well as OEM users.

Special attention has been paid to easy operation via control button and 5.7" colour display. Optionally a keyboard or a barcode reader can be connected via a PS/2 interface. The programme storage adapts itself dynamically to the test requirements so that many programmes with few test steps or few programmes with many test steps can be stored. Up to 8 digital IN-/OUTPUTS are processed with the test run so that small customer specific test stations with adapters and switch matrix without additional controls can be realised. A remote control with the PC is possible via a comfortable Windows Software (Option). The printer interface allows standard conform protocols of all parameters as well as test and measurement results.

Via the integrated Ethernet interface more than one LG 3800 compact tester can be operated in a network with a single server PC. The way this network is set up allows the read in of the DUT directly at the compact tester via a connected barcode reader. The selection of the test programme and the storage of the test results is carried out on the server PC.

DG  continuity	PE  protective wire	IS  insulation	DC  high voltage	FT  function
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Data:

	LG 3800D	LG 3800E	LG 3800F
Function test optional measurement ranges Potential	0 – 400 VAC / 4 A 10 / 16 A external supply		
High voltage test DC - Potential	—	1500 VDC / 4 mA free	0 -3000 VDC / 4 mA free
Insulation test - Potential	500 VDC / 50 MOhm free	500 VDC / 50 MOhm free	0-3000 VDC / max. 1.5 GOhm free
Protective wire test - resistance measurement (EN 60 335) - voltage measurement (EN 60 204) - no-load voltage	10 – 30 AAC 0 – 0,5 Ohm 0 – 4 VAC 6 V and 12 V		
Continuity test	24 VDC / 0.6 A		
Housing / Plug-in	housing 14" / 3 HU		
Power	230 V / 50 Hz or 115 V / 60 Hz		

Special features:

- special features: CE-conform, to EN50 191
- 5 in 1 tester
- Automatic test run
- Large 5.7" colour display
- Operation via control button and / or keyboard
- External voltage supply (function test)
- Micro processor controlled
- Dynamic programme storage
- Internal clock / calendar
- Automatic test run
- Combined tester for safety and function test
- Internal switch over for all tests with single connection of DUT
- Interfaces:
- 24 VDC control interface
- PS/2 interface for barcode reader / keyboard
- Ethernet / network connection
- USB connection
- COM / RS 232 connections

