

KT 3301

Compact Tester Series KT 3301



- conform to **CE**, acc. to EN 50 191
- 6 in 1 tester: CT, PE, IS, HVAC, HVDC, FT
- line leakage test (optional)
- microprocessor controlled
- menu controlled test programme creation
- printer and remote control interfaces
- 50 programmes with 300 steps per programme
- PC software



Compact Tester Series KT 3301

These compact testers allow safety and function tests in accordance with many standards (IEC, EN, UL, BS, VDE, etc.). Special attention has been paid to easy operation using a multiple line LC-display and function keys with plain text. There is a programme storage for 50 programmes with 300 steps per programme available. The included WINDOWS software allows the creation and loading of test programmes on your PC. Via a simple WINDOWS software programme (optional) remote control by PC is possible. The printer interface allows standard protocols of all the parameters as well as of the test and measurement results.

As all the tests are automatically applied to the DUT, it needs only to be connected once.

CT



Continuity

PE



Earth Bond

IR



Insulation
Resistance

DC



High Voltage

AC



High Voltage

FT



Function

LC



Line Leakage

Data:

	KT 3301D	KT 3301E
high voltage test AC	–	0,2–2,5 kV/100 mA 0,5–5 kV/100 mA (option) 500 VA/200 mA free option
- transformer capacity/short circuit current		
- potential		
- ARC-detection		
high voltage test DC	–	0,5–6 kV/100 mA (option) 500 VA/200 mA free
- transformer capacity/short circuit current		
- potential		
high voltage test 1500 VDC		1500 VDC/4 mA free
- potential		
insulation measurement		500 VDC/50 MOhm free
- potential		
earth bond test		10–30 AAC 0–0,5 Ohm 0–4 VAC 6 V or 12 V
- resistance measurement (EN 60 335)		
- voltage measurement (EN 60 204)		
- no-load voltage		
power supply–line leakage test		0–400 V/16 A, measuring range 10 mA (option) power supply
- potential		
continuity test		24 VDC/0,6 A
function test		0–400 VAC/16 A
plug-in		19"/5 HU
power supply		230 V/50 Hz or 115 V/60 Hz

Options/Optional:

- PC remote control software
- IEEE interface
- high voltage test 5 kVAC
- high voltage test 6 kVDC
- ramp function for high voltage test
- power supply leakage current test
- insulation measurement 1000 VDC/1 GOhm
- programmable source for function test 270 V/14 A
- active power measurement for function test
- OEM-interface, 8 inputs and 8 outputs

Special features:

- conform to , in accordance with EN 50 191
- 6 in 1 tester
- combined tester for safety and function test
- automatic test run
- internal change over for all tests with single connection of DUT
- dwell time 0,1 up to 99,9 seconds
- visual and audible alarm
- window comparator for setups
- microprocessor controlled
- 50 programmes with 300 steps per programme
- internal clock / calendar
- LC-display with 4x20 characters
- PLC remote control interface
- PLC memory recall interface
- PC remote control interface
- connection for warning/signal lamps
- PC setup software included