

# DIREKTRONIK

## MULTIFUNCTION TESTER

Item 20114251



MULTICHECK6010 is a multi-function Tester for verification of electrical safety of installations according to DIN VDE 0100 and EN 61557.

All-in-one device with 3.5 TFT colour display, covering the measurements you need. Fast. Safe.

### Scope of supply:

- 1 pc. MULTICHECK6010
- 3 pcs. Test leads each 1 m
- 1 pc. Schuko-plug test cable
- 3 pcs. Test probes
- 3 pcs. Alligator clips
- 1 pc. Instruction manual
- 6 pcs. Batteries 1.5 V / AAA
- 1 pc USB cable
- External power supply
- Calibration certificate
- Carrying bag
- Carrying strap



Test probes



Plug test probe

### Optional accessories:

- Test probe with TEST button
- Set for earth resistance testing: 3 test leads (20m/20m/5m) and 2 earth stakes



Earth resistance testing set



# DIREKTRONIK

## KPS-MULTICHECK6010

### MULTIFUNCTION TESTER

#### Main features:

Measurement of:

- Loop resistance
- Internal network resistance
- Measurement of short circuit current
- Low resistance and continuity
- Insulation
- RCD/FI for types A, AC, B, B+, F
- TRMS Voltage, Rotary field and frequency
- Earth Resistance

FUNCTION	TEST METHOD	RANGE
Insulation resistance (RISO)	Test voltage 0/100/250 V	0,000 M $\Omega$ ... 199,9 M $\Omega$
	Test voltage 500/1000 V	0,00 M $\Omega$ ... 999 M $\Omega$
Impedance (ZL/Zloop)	Zline L-L, L-N, Ip <sub>sc</sub>	0,00 $\Omega$ ... 9999 $\Omega$
	Zloop L-PE, Ip <sub>fc</sub>	0,00 $\Omega$ ... 9999 $\Omega$
	Zloop L-PE, ip <sub>fc</sub> , non trip	0,00 $\Omega$ ... 9999 $\Omega$
Earth resistance (RE)	3-wire	0,00 $\Omega$ ... 9999 $\Omega$
	4-wire	0,00 $\Omega$ ... 9999 $\Omega$
	Specific earth resistance	0,00 $\Omega$ ... 9999 $\Omega$
Continuity (RLO)	Test current 7 mA (2-wire)	0,0 $\Omega$ ... 1999 $\Omega$
	Test current 200 mA (2-wire)	0,00 $\Omega$ ... 1999 $\Omega$
Voltage	TRMS	0 ... 550 V
	Frequency	10,0 Hz ... 499,9 Hz
Phase rotation	TRMS	50 ... 550 Vac (45 Hz ... 400 Hz)

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FUNCTION	TEST METHOD	RANGE	
RCD	Uc	0,0 V ... 99,9V	
	t	0,0 ms ... 500,0 ms	
	I (Ramp)		0,2xIΔN ... 1,1xIΔN (AC)
			0,2xIΔN ... 1,1xIΔN (A)
			IΔN ≥ 30 mA
			0,2xIΔN ... 2,2xIΔN (A)
			IΔN < 30 mA
			0,2xIΔN ... 2,2xIΔN (B)
General	Power supply	Recharg. Batteries (6 x 1.2V Ni-Mh/plug-in power supply)	
	Over voltage category	600 V CAT III 300 V CAT IV	
	Com-Port	USB	
	Data Storage	Internal memory	

#### Product Code Information

SKU	KPSMF6010CBINT
EAN code	8435394776361
UPC code	810053673515
Pcs/export carton	4