RCCB CHECKER

Model : RCB-220V, RCB-110V   *ISO-9001, CE, IEC1010*

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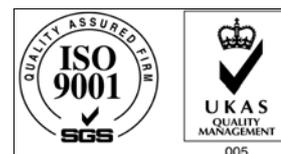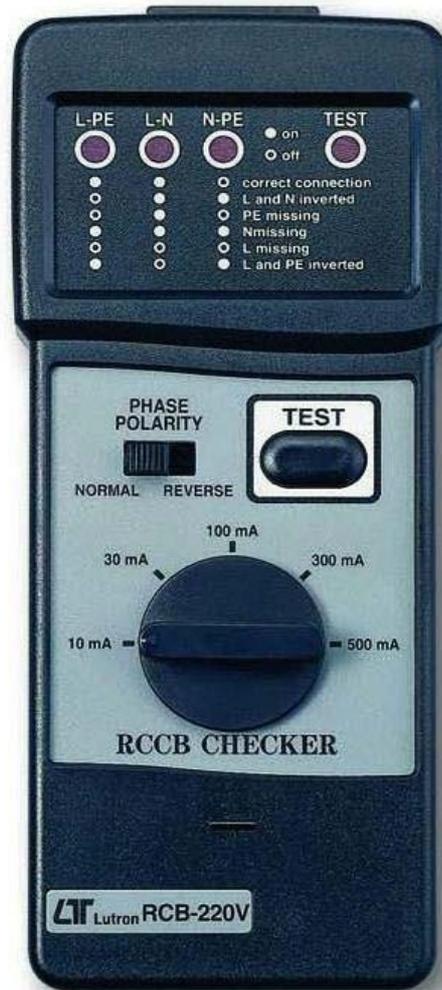
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The Art of Measurement

RCCB CHECKER
Model : RCB-220V
Model : RCB-110V

FEATURES
* It is used for quick checking of the pin assignment of a safety socket as well as for verification of the RCCB with the 5 rated tripping current settings of 10mA, 30 mA, 100 mA, 300 mA and 500 mA.
* Phase detection and phase inversion.
* Indication of plug assignment via 3 LEDs.
* Display of tripping pulse current for residual currents.
* Operated without battery, direct power supply from the mains socket to be tested.
* Handy & compact ABS plastic housing case.

GENERAL SPECIFICATIONS		
Display	3 LEDs for pin assignment of sockets L-N, L-PE, N-PE. 1 LED for tripping current pulse. (L-Line, N-Neture, PE-Power Earth)	
Applications	* Checking the shock-proof plug pin assignment * Residual Current Circuit Breaker Test	
Rated Tripping Current Settings	10 mA, 30 mA, 100 mA, 300 mA and 500 mA.	
Test Current Duration	Approx. 140 ms (200 ms, -30%) according to DIN VDE.	
Operating Factor	Approx. 10% for 500 mA range, wait approx. 10 sec between each step.	
Tested Mains Voltage	Model : RCB-220V	200V to 240V, 50/60 Hz
	Model : RCB-220V	100V to 120V, 50/60 Hz
Power Supply	Directly from mains.	
Operating Temp.	0 to 50 ℃ (32 to 122 ℉).	
Operating Humidity	Less than 80% RH.	
Weight	200 g/0.44 LB.	
Dimension	180 x 72 x 32 mm (7.1 x 2.8 x1.3 inch).	
Accessories Included	Instruction manual...1 PC. Power cable with Plug.. 1 PC.	

APPLICATIONS	
Checking the shock-proof plug pin assignment	Residual Current Circuit Breaker Test
L-PE L-N N-PE ▨... ON ☐... OFF	Measuring Procedures :
▨ ▨ ☐ .... correct connection	1. If "L" and "N" inverted, then may
☐ ▨ ▨ .... L and N inverted	inverse conductors "L" & "N" by using
☐ ▨ ☐ .... PE missing	select the "Phase Polarity Switch".
▨ ▨ ▨ .... N missing	2. Select desired tripping current by using
☐ ☐ ☐ .... L missing	select the "Tripping Current Switch".
▨ ☐ ▨ .... L and PE inverted	3. Trigger the RCCB by pressing the
* If the socket is wired correctly, then the diodes "L-N" and "L-PE" are illuminated.	"Test Button".

* Appearance and specifications listed in this brochure are subject to change without notice.   0609-RCB220V