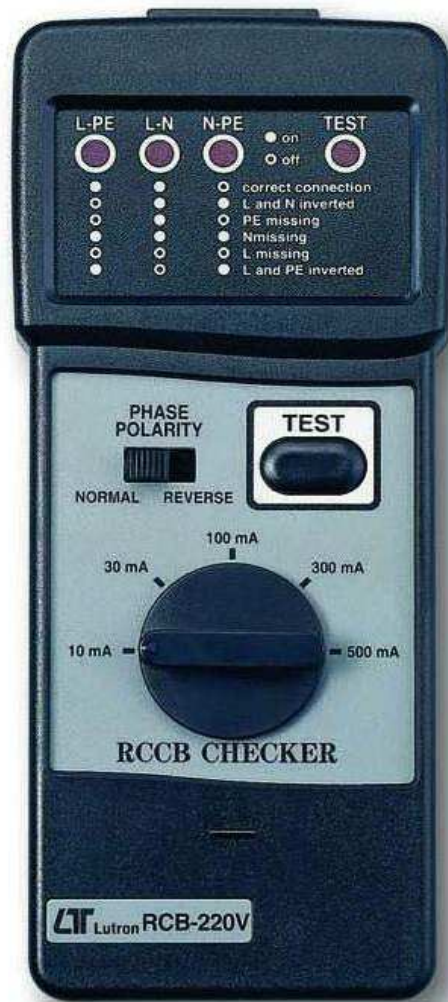


# RCCB CHECKER

Model : RCB-220V, RCB-110V

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

*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 10 mA, 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-110V      100V to 120V, 50/60 Hz
Power Supply	Directly from mains.
Operating Temp.	0 to 50 °C (32 to 122 °F).
Operating Humidity	Less than 80% RH.
Weight	200 g/0.44 LB.
Dimension	180 x 72 x 32 mm      (7.1 x 2.8 x 1.3 inch).
Accessories Included	Instruction manual..... 1 PC.
	Power cable with Plug..... 1 PC.

APPLICATIONS																																				
<p><i>Checking the shock-proof plug pin assignment</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">L-PE</td> <td style="text-align: center;">L-N</td> <td style="text-align: center;">N-PE</td> <td style="text-align: center;"><input checked="" type="checkbox"/> ....ON</td> <td style="text-align: center;"><input type="checkbox"/> ....OFF</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td colspan="2" style="text-align: center;">.....correct connection</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td colspan="2" style="text-align: center;">.....L and N inverted</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td colspan="2" style="text-align: center;">.....PE missing</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td colspan="2" style="text-align: center;">.....N missing</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td colspan="2" style="text-align: center;">.....L missing</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td colspan="2" style="text-align: center;">.....L and PE inverted</td> </tr> </table> <p>* If the socket is wired correctly, then the diodes "L-N" and "L-PE" are illuminated.</p>	L-PE	L-N	N-PE	<input checked="" type="checkbox"/> ....ON	<input type="checkbox"/> ....OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	.....correct connection		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	.....L and N inverted		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	.....PE missing		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	.....N missing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	.....L missing		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	.....L and PE inverted		<p><i>Residual Current Circuit Breaker Test</i></p> <p><i>Measuring Procedures :</i></p> <ol style="list-style-type: none"> <li>1. If "L" and "N" inverted, then may inverse conductors "L" &amp; "N" by using select the "Phase Polarity Switch".</li> <li>2. Select desired tripping current by using select the "Tripping Current Switch".</li> <li>3. Trigger the RCCB by pressing the "Test Button".</li> </ol>
L-PE	L-N	N-PE	<input checked="" type="checkbox"/> ....ON	<input type="checkbox"/> ....OFF																																
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\* Appearance and specifications listed in this brochure are subject to change without notice.