



- Flexible testing and calibration across various voltage ranges
- Continually validate instruments between calibrations
- Non-trip RCD testing method
- Null facility to remove lead resistance
- Six insulation check levels
- Five continuity check levels
- Three loop check levels
- Five checks covering 30mA and 100mA RCD's
- Checks RCD over current test
- Tough, drop proof watertight case
- Calibration documentation included

### Description

Introducing the CB400, your go-to device for comprehensive electrical testing.

With the CB400, you can effortlessly verify insulation resistance testers across a wide voltage range, including 250V, 500V, and 1000V settings. This ensures accurate testing and calibration of your instruments.

For continuity checks, simply set the instrument to the appropriate scale and perform the continuity test at each designated check point on the CB400. It streamlines the process, ensuring thorough and reliable results.

When it comes to earth fault loop impedance checks, the CB400 offers a range of options. It allows you to test 'local' earth loop impedance, 'local' earth fault loop impedance with an additional 1Ω included, and 'local' earth fault loop impedance with an additional 100Ω included. This flexibility caters to various testing scenarios.

Moreover, the CB400 includes a convenient feature for assessing the accuracy of residual current device (RCD) test instruments. It enables you to check the precision relative to 30mA and 100mA RCDs, the commonly used types for additional protection.

### Specification

<b>Insulation</b>	0.25MΩ	1%	Up to 1000V
	0.5MΩ	1%	Up to 1000V
	1.0MΩ	1%	Up to 1000V
	2.0MΩ	1%	Up to 1000V
	10.MΩ	1%	Up to 1000V
	200MΩ	2%	Up to 1000V
<b>Over Voltage (3 bands)</b>	250V @ 0.25MΩ	N/A	N/A
	500V @ 0.5MΩ	N/A	N/A
	1000V @ 1.0MΩ	N/A	N/A
<b>Continuity</b>	Null	1% ±20 mΩ	Current 1A
	0.5Ω	1% ±20 mΩ	Current 1A
	1.0Ω	1% ±20 mΩ	Current 1A
	2.0Ω	1% ±20 mΩ	Current 1A
	100Ω	1%	Current 250mA
	2000Ω	1%	Current 250mA
<b>Loop</b>	Local	N/A	Current rating
	Additional 1Ω	1% ±20mΩ	25A (pulsed)
	Additional 100Ω	1%	10ms pulses
<b>RCD</b>	30mA (x1)	5%	30mA AC type
	30mA (x5)	5%	30mA AC type

### Specification continued

Test	Check value	Accuracy	Rating
RCD	30mA (x1/2)	5%	30mA AC type
	100mA (x1)	5%	100mA AC type
	100mA (x1/2)	5%	100mA AC type and ACS type
Current Break Time	38ms ± 1ms	N/A	N/A
LED for Current Accuracy	>200mA @ 2Ω	1%	N/A
Case Size	328 x 230 x 125mm		
Safety	Complies with IEC EN 61010		
Weight	2.42kg		