

- **Insulation Resistance Testing**
- **Continuity Testing**
- **Line/Loop Testing**
- **Non-trip Loop Testing**
- **RCD Testing**
- **Phase Rotation Testing**
- **Voltage Testing**

Multifunction Tester

CZ20500

Measurement			Accuracy
Insulation Resistance	Test Voltages ($\pm 10\%$)	Range	$\pm 10\%$
	250V	0.05M Ω - 250M Ω	$\pm (5\% + 5 \text{ dig})$
	500V	0.05M Ω - 500M Ω	$\pm (5\% + 5 \text{ dig})$
	1000V	0.05M Ω - 1000M Ω	$\pm (5\% + 5 \text{ dig})$
	Short Circuit Current	< 2mA	
Continuity	Range	0.00 Ω - 199 Ω	$\pm (2\% + 5 \text{ dig})$
	Current	> 200mA @ 2 Ω	
Line Impedance	Range	0.01 Ω - 2000 Ω	$\pm (5\% + 5 \text{ dig})$
	Operational Voltage (Freq)	195VAC - 440VAC (45Hz-65Hz)	
	Test Current	20A	
	PFC Range	0kA - 26kA	
Loop Impedance	Range	0.01 Ω - 2000 Ω	$\pm (5\% + 5 \text{ dig})$
	Operational Voltage (Freq)	195VAC - 253VAC (45Hz-65Hz)	
	Test Current	20A	
	PFC Range	0kA - 26kA	
Loop Impedance (non Trip)	Range	1.00 Ω - 2000 Ω	$\pm (5\% + 5 \text{ dig})$
	Operational Voltage (Freq)	195VAC - 253VAC (45Hz-65Hz)	
	Test Current	15mA	
	PFC Range	0kA - 26kA	
RCD	Operational Voltage (Freq)	195VAC - 253VAC (45Hz-65Hz)	
	Test Current	10mA, 30mA, 100mA, 300mA, 500mA	- 0% + 10%
	Current Multipliers	x 1/2, x 1, x 5	- 10% +0% (1/2)
	Trip Time Ranges	0 - 2000ms (varies with Current/Multiplier)	$\pm (5\% + 5 \text{ dig})$
	Ramp	10mA/30mA/100mA/300mA/500mA	$\pm 10\%$
Phase Rotation	Operational Voltage (Freq)	195VAC - 440VAC (45Hz-65Hz)	
	Indication	L1, L2, L3	
AC Voltage	Range	0 - 440 VAC	
	Frequency Response	45Hz - 60Hz	
	Resolution	1V	
Standards	EN61010-1 Cat III 300V		
	CE		
Physical	Weight	1kg	
	Dimensions	210 x 175 x 90 mm	



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