



UT595 Multifunction Installation Tester



	Range		Best Accuracy
Model			UT595
Insulation resistance (Ω)	Output voltage	250V/500V/1000V	$\pm 10\%$
	250V	0.05M Ω ~250M Ω	$\pm(5\%+5)$
	500V	0.05M Ω ~500M Ω	
	1000V	0.05M Ω ~1000M Ω	
	Short-circuit current		<2mA
Low-resistance continuity test	Range	0.00 Ω ~199 Ω	$\pm(2\%+5)$
	Test current	0.00~2 Ω : >200mA	\sqrt
Line impedance (Ω)	Range	0.01 Ω ~2000 Ω	$\pm(5\%+5)$
	Operating voltage (Frequency)	195V~440V (45Hz~65Hz)	\sqrt



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	Test current	20A	√
	PFC test	0kA~26kA	√
Loop impedance (Ω)	Range	0.01Ω~2000Ω	±(5%+5)
	Operating voltage (Frequency)	195V~253V (45Hz~65Hz)	√
	Test current	20A	√
	PFC test	0kA~26kA	√
Non-trip loop impedance (Ω)	Range	1.00Ω~2000Ω	±(5%+5)
	Operating voltage (Frequency)	195V~253V (45Hz~65Hz)	√
	Test current	15mA	√
	PFC test	0kA~26kA	√
RCD test	Operating voltage (Frequency)	195V~253V (45Hz~65Hz)	√
	Test current	10mA/30mA/100mA/300mA/500mA	±10%



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	Trip time	$\times 1/2 *I\Delta n$ Range: 0ms~2000ms	$\pm(5\%+5)$
		$\times 1 *I\Delta n$ Range: 0ms~300ms	
		$\times 1 *I\Delta n$ Range: 0ms~500ms (Select count down)	
		$\times 2 *I\Delta n$ Range: 0ms~150ms	$\pm(5\%+5)$
		$\times 2 *I\Delta n$ Range: 0ms~200ms (Select count down)	$\pm(5\%+5)$
		$\times 5 *I\Delta n$ Range: 0ms~40ms	$\pm(5\%+5)$
Phase sequence test	Operating voltage (Frequency)	100V~440V (45Hz~65Hz)	\checkmark
	Display	Phase sequence: L1→L2→L3, forward rotation; L1→L3→L2 reverse rotation	\checkmark
Ramp RCD test	Test current	10mA/30mA/100mA/300mA/500mA	$\pm 10\%$
AC voltage (V)	Range	0V~440V	$\pm(5\%+2)$
	Frequency response	45Hz~60Hz	\checkmark
	Resolution	1V	\checkmark

Features



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Display count		9999
Auto power off		√
Low battery indication		√
Data storage		√
LCD backlight		√
Auto half-wave test		√
RCD count down test	30s	√
RCD half-wave test		√
Phase conversion (RCD)	0° and 180°	√
General Characteristics		
Power	1.5V battery (5#) × 6	
LCD size	125mm × 37mm	
Product color	Red and grey	



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Product net weight	1000g
Product size	210mm × 175mm × 90 mm
Standard accessories	Battery, test leads (red×1, green×1, black×1), special power test lead, remote-control test lead
Standard individual packing	Gift box, manual, tool box
Standard quantity per carton	4pcs
Standard carton measurement	510mm×330mm×300mm
Standard carton gross weight	15kg