



EN:61010-1

EN:61326-1



■ UT591



■ UT592

### SPECIFICATIONS

Specifications	Range	Best Accuracy		
Model		UT591	UT592	
Insulation Resistance (Ω)	Test Voltages	250V/500V/1000V	±10%	±10%
	250V	0.05MΩ~250MΩ		
	500V	0.05MΩ~500MΩ	±(5%+5)	±(5%+5)
	1000V	0.05MΩ~1000MΩ		
Low Resistance Continuity(Ω)	Short-Circuit Current	<2mA	✓	✓
	Range	0.00Ω~199Ω	±(2%+5)	±(2%+5)
	Test Current	0.00~2Ω: >200mA	✓	✓
Line Impedance (Ω)	Range	0.01Ω~2000Ω		±(5%+5)
	Operational Voltage(Freq.)	195V~440V(45Hz~65Hz)		✓
	Test Current	20A		✓
	PFC Range	0KA~26KA		✓
Loop Impedance (Ω)	Range	0.01Ω~2000Ω	±(5%+5)	±(5%+5)
	Operational Voltage(Freq.)	195V~253V(45Hz~65Hz)	✓	✓
	Test Current	20A	✓	✓
	PFC Range	0KA~26KA	✓	✓
Loop Impedance Without Tripping(Ω)	Range	1.00Ω~2000Ω		±(5%+5)
	Operational Voltage(Freq.)	195V~253V(45Hz~65Hz)	✓	✓
	Test Current	15mA	✓	✓
	PFC Range	0KA~26KA	✓	✓
RCD	Operational Voltage(Freq.)	195V~253V(45Hz~65Hz)	✓	✓
	Test Current	10mA/30mA/100mA/300mA/500mA	±10%	±10%
		×1/2 *IΔn Range: 0ms~2000ms		
		×1 *IΔn Range: 0ms~300ms		
RCD Measurement RAMP Slope	Tripping Times	×1 *IΔn Range: 0ms~500ms (Selective Countdown Function)	±(5%+5)	±(5%+5)
		×5 *IΔn Range: 0ms~40ms		
AC Voltage (V)	Test Current Range	10mA/30mA/100mA/300mA/500mA	±10%	±10%
	Range	0V~440V	±(5%+2)	±(5%+2)
Features	Frequency Response	45Hz~60Hz	✓	✓
	Resolution	1V	✓	✓
Display Count			9999	9999
Auto Power Off			✓	✓
Low Battery Indication			✓	✓
Data Logging			✓	✓
LCD Backlight			✓	✓
Auto Half-wave Test			✓	✓
RCD Countdown Measurement	30 Seconds		✓	✓
RCD Half-wave Test			✓	✓
Phase Switch (RCD)	0°and 180°		✓	✓

### GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 6
LCD Size	125mm × 37mm
Product Color	Red and Grey
Product Net Weight	1000g
Product Size	210mm × 175mm × 90mm
Standard Accessories	Batteries, Test Lead (1 × Green, 1 × Black, 1 × Red), Specialized Test Lead, Remote Control Test Lead
Standard Individual Packing	Gift Box, English Manual, Tool Box
Standard Quantity Per Carton	4 PCs
Standard Carton Measurement	510mm × 330mm × 300mm (0.051CBM Per Standard Carton)
Standard Carton Gross Weight	15Kg