

Uni-Trend UT 595

Specifications	Range		Best Accuracy
Model			UT595
Insulation Resistance (Ω)	Test Voltages	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	\checkmark
Low Resistance Continuity Test(Ω)	Range	0.00 Ω ~ 199 Ω	$\pm(2\%+5)$
	Test Current	0.00 ~ 2 Ω : >200mA	\checkmark
Line Impedance (Ω)	Range	0.01 Ω ~2000 Ω	$\pm(5\%+5)$
	Operational Voltage(Freq.)	195V ~ 440V(45Hz ~ 65Hz)	\checkmark
	Test Current	20A	\checkmark
	PFC Range	0KA ~ 26KA	\checkmark
Loop Impedance (Ω)	Range	0.01 Ω ~ 2000 Ω	$\pm(5\%+5)$
	Operational Voltage(Freq.)	195V ~ 253V(45Hz ~ 65Hz)	\checkmark
	Test Current	20A	\checkmark
	PFC Range	0KA ~ 26KA	\checkmark
Loop Impedance Without Tripping(Ω)	Range	1.00 Ω ~ 2000 Ω	$\pm(5\%+5)$
	Operational Voltage(Freq.)	195V ~ 253V(45Hz ~ 65Hz)	\checkmark
	Test Current	15mA	\checkmark
	PFC Range	0KA ~ 26KA	\checkmark
RCD	Operational Voltage(Freq.)	195V ~ 253V(45Hz ~ 65Hz)	\checkmark

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	Test Current	10mA/30mA/100mA/300mA/500mA	±10%
	Trip Time	×1/2 *I _{Δn} Range : 0ms ~ 2000ms	±(5%+5)
		×1 *I _{Δn} Range : 0ms ~ 300ms	±(5%+5)
		×1 *I _{Δn} Range : 0ms ~ 500ms (Selective Countdown)	±(5%+5)
		×2 *I _{Δn} Range : 0ms ~ 300ms	±(5%+5)
		×2 *I _{Δn} Range : 0ms ~ 500ms (Selective Countdown)	±(5%+5)
		×5 *I _{Δn} Range : 0ms ~ 40ms	±(5%+5)
Phase Sequence Test	Operational Voltage(Freq.)	100V ~ 440V (45Hz ~ 65Hz)	√
	Indication	Order : L1→ L2→ L3 Positive change ; L1→ L3→ L2 To reverse	√
RCD Measurement RAMP Slope	Test Current Range	10mA/30mA/100mA/300mA/500mA	±10%
AC Voltage (V)	Range	0V ~ 440V	±(5%+2)
	Frequency Response	45Hz ~ 60Hz	√
	Resolution	1V	√
Features			
Display Count			9999
Auto Power Off			√
Low Battery Indication			√
Data Logging			√
LCD Backlight			√
Auto Half-wave Test			√
RCD Countdown Measurement	30 Seconds		√
RCD Half-wave Test			√

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Phase Switch(RCD)	0°and 180°	√
General Characteristic		
Power	1.5V Batteries(LR6) X 6	
LCD Size	125mm X 37mm	
Product Color	Red and Grey	
Product Net Weight	1000g	
Product Size	210mm X 175mm X90 mm	
Standard Accessories	Batteries, Test Lead (1 x Green, 1x Black, 1 x Red), Specialized Test Lead, Remote Control Test Lead	
Standard Individual Packing	Gift Box, Tool Box, User Manual	
Standard Quantity Per Carton	4 PCs	
Standard Carton Measurement	510mm X 330mm X 300mm (0.051CBM Per Standard Carton)	
Standard Carton Gross Weight	15Kg	