



DT-9230/9231/9232/9233

Electrical Testers

9230 /9231/9232/9233 Series new two-pole voltage and continuity testers are now more rugged and easier to use than ever before.

- Fast test results the way you need them, with large, easy-to-use buttons, bright backlights, and clear audible and visible indicators designed for any work situation.
- Rugged, high-quality construction design includes a heavy duty molded case, a thicker cord with wear indicator, sturdy battery case, and well-fitting and durable probe protector.
- Enhanced ergonomic design feels good in your hand, is easy to use (even with gloves) and quick, secure probe docking.
- A complete family of testers with the features, functions, and price/performance to fit your applications and preferences.



Features	9230	9231	9232	9233
Complies with EN 61243-3:2014		*	*	*
LED Indication Range: 12 V to 600 V dc and ac	*			*
LED Indication Range: 12 V to 1000 V dc and ac		*	*	*
Independent ELV indicator LED, indicates if >50 V ac/120 V dc is present even in the event of no battery power or main circuit failure	*	*	*	*
LCD Indication Range: 6 V to 1000 V dc and ac			*	*
Resistance Measurement: LCD 3½ digit (0 to 1999 Ω/1Ω resolution)			*	*
LCD Backlight Display HOLD: Freeze/unfreeze display with voltage or resistance measurement			*	*
Fixed Impedance ~200 kΩ (≤3.5 mA @ 1000 V)		*	*	*
Switchable Load by 2 pushbuttons (30 mA @ 230 V)		*	*	*
Vibration During Load (when 2 switchable load pushbuttons are pushed)		*	*	*
Single-Pole Phase Test (also operates with gloves)		*	*	*
Rotary Field Direction (also operates with gloves)		*	*	*
Continuity Test / Diode Test		*	*	*
Fashlight		*	*	*
Beeper for Continuity/Phase/ACV	*	*	*	*
19 mm Probe Tip distance when docked	*	*	*	*
CAT III 1000 V / CAT IV 600 V	*	*	*	*
IP64		*	*	*

Size(HxWxD): 240mm x 78mm x 30mm

Weight: 237g

Accessories: Two "AAA" batteries, gift box with carrying case.

Specifications		9230	9231	9232	9233
LEDs					
Voltage range	12 V to 600 V ac/dc	*			*
	12 V to 1000 V ac/dc		*	*	*
Resolution	±12V,24V,50V,120V,230V,400V,600V	*			
	±12V,24V,50V,120V,230V,400V,690V,1000V		*	*	*
Frequency range	0/40Hz to 400 Hz	*	*	*	*
Response time	≤0.5 seconds	*	*	*	*
Auto power on	≥12V ac/dc	*	*	*	*
LCD					
Voltage range	6V to 1000V ac/dc			*	*
Resolution	±1V			*	*
Tolerance	±(3%rdg + 5digits)			*	*
Frequency range	0/40Hz to 400 Hz			*	*
Response time	≤1 seconds			*	*
Auto power on	≥6V ac/dc			*	*
Voltage detection	Automatic		*	*	*
Polarity detection	Full range		*	*	*
Range detection	Automatic		*	*	*
Internal basic load impedance	Maximum 3.5mA at 1000 V 200 kΩ/1s<3.5mA(no RCD tripping)	*	*	*	*
Peak current					
Operation time	Duration Time = 30 seconds	*	*	*	*
Recovery time	Recovery Time =240 seconds	*	*	*	*
Switchable Load	7 kΩ	*	*	*	*
Peak current	Is(load) = 150mA		*	*	*
RCD tripping	I = 30mA @ 230V		*	*	*
Continuity Test	0 to 400kΩ	*	*	*	*
Accuracy	nominal resistance +50%	*	*	*	*
Test current	≤5 μ A	*	*	*	*
Single-pole Phase Test	100V ac to 1000V ac		*	*	*
Frequency range	40 Hz to 60Hz		*		
	50Hz to 400Hz			*	*
Rotary Field Indication			*	*	*
Voltage range(LEDs)	100V to 1000V(phase to earth)		*	*	*
Frequency range	50 Hz to 60Hz		*	*	*
Resistance Measurement	0Ω to 1999Ω			*	*
Resolution	1Ω			*	*
Tolerance	±(5%rdg + 10 digits) @ 20°C			*	*
Temperature coefficient	±5 digits/10K			*	*
Test current	≤30μA			*	*