



The most simple and easy to use voltage detector that is a must for all technicians. Not only does it measure and detect voltage, it also determines phase rotation directions.

DT-9030

VOLTAGE TESTER

- | Auto Detection of AC/DC Voltage
- | Voltage measurement up to 400V AC/DC and 690V DC
- | Displays Direction of Phase Rotation
- | Low Impedance Test
- | Continuity Test

General Specifications

LCD display	1999 counts (3 1/2 digit) LCD display with bargraph & backlight
Voltage range	6,12, 24, 50, 120, 230, 400V AC/DC, 690V DC
Resolution	1V AC/DC
Tolerances	DCV: +1.0% of reading +3 digit ACV: +1.5% of reading +5 digit
400VAC Max. measuring current	approx. $\leq 1.0\text{mA}$
690VDC Max. measuring current	approx. $\leq 1.5\text{mA}$
Voltage Detection	automatic
Polarity Detection	full range
Range Detection	automatic
Response Time	Updates 2~3 / sec.
ACV Frequency Range	50/60Hz
Internal Impedance	approx. $\leq 1\text{M}\Omega$
Operation Time	Long
LCD on	$>4.5\text{V AC/DC}$
Single-pole Phase Test	
Voltage range:	100...400V AC
ACV Frequency range	50/60Hz
Continuity Test	
Resistance range	$<200\text{k}\Omega$
Test current	$<1\mu\text{A}$
Overvoltage protection	400V AC/690V DC
Rotary Field Indication	
Voltage range (LEDs)	100...400V
Frequency range	50/60Hz
Measurement principle	double-pole and contact electrode
Low impedance test	
Voltage range	12~230VAC/DC
Low impedance	$<6\text{k}\Omega$
Operation time	5s $<250\text{V AC/DC}$, Is $<0.2\text{A}(690\text{V})/30\text{s max.}$
Overvoltage protection	3s $<400\text{V AC/690V DC}$
Power supply	2x1.5V "AAA" Batteries
Temperature range	-10°C up to + 55°C
Humidity	max.85% relative humidity
Overvoltage class	CATIII -690V AC/DC

Accessories

Batteries, Instruction Manual and Test Certificate.



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