



Voltage Absence Tester Model CA 771

Cat. #2121.14

(LEDs, $12\text{VAC} \leq U \leq 1000\text{VAC}$; $12\text{VDC} \leq U \leq 1400\text{VDC}$)

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Voltage Absence Testing (VAT)

Voltage Indication - LEDs	12 to 1000Vac ; 12 to 1400Vdc
Frequency Range	DC, 16.67 to 800Hz
Input Impedance	>500kΩ
Max. Peak Current	3.5mA RMS
Polarity Indication	Yes
Redundant Hazardous Voltage Indication	The ELV (Extra-Low Voltage) LED indicates that the voltage is higher than the SELV (Safety Extra-Low Voltage) with the rate at which it flashes proportional to the voltage level.
Stray Voltage Detection	Yes (by low-impedance load switching)
RCD Tripping	Yes (by low-impedance load switching)
Phase/Neutral Identification	>50V (45 to 65HZ) ; >150V (16.67 to 45Hz)
Continuity & Resistance	
Buzzer Trigger Threshold	100Ω typical (150Ω max.)
Extended Continuity Test (resistance)	2kΩ, 60kΩ, 300kΩ
Test Current / Open-circuit Voltage	$\leq 1\text{mA}$ / $\leq 3.3\text{V}$
Phase Rotation	2-wire method with microprocessor
Ph/Ph Voltage	50 to 1000Vac (45 to 400Hz)
General	
Buzzer	Intermittent beep for Voltage Detection, Continuous beep for Continuity
Cable Length	3.3ft (1m)
Display	LEDs

For more details, download the datasheet or user manual at www.aemc.com

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customerservice@aemc.com • techsupport@aemc.com

Power Supply	2 x AA (LR6) Batteries (included)
Battery Life	5000 ten second measurements approximately
Dimensions	9.0 x 2.4 x 1.5" (228 x 60 x 39mm)
Weight (With Battery)	12.4oz (350g) approximately
Operating Temperature/Humidity	-22 to 140°F (-30 to +60°C) / 20 to 95% RH non-condensing
Storage Temperature/Humidity	-40 to 158°F (-40 to +70°C) / 20 to 95% RH non-condensing
IP Rating	IP 65
Electrical Safety	1000V CAT IV per IEC 61010-1

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