

ELECTRICAL TEST TOOLS

VOLTAGE ABSENCE TESTERS (VATs)



MODEL CA 773

An essential tool for electricians to ensure no voltage is present before working on any electrical installation connected to the network



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FEATURES

- Full autotest
- Voltage detection, LED display:
12 V_{AC} ≤ U ≤ 1000 V_{AC}
12 V_{DC} ≤ U ≤ 1400 V_{DC}
- Frequency: DC, (16.67 to 800) Hz
- Detection of stray voltages
- Unipolar phase detection
(a single contact)
- Two-pole phase-sequence testing
with 2-wire method
- Continuity test with audible and visual
indication (R < 100 Ω)
- Extended continuity test with visual
indication for: R < 0.5 Ω to 2.999 kΩ
- RCD trip test
- Complies with EN 61243-3 & IEC 61010
1000 V CAT IV
- Battery life > 2500 x 10 s measurements
- Removable lead and test probe
- Delivered complete and ready to use

MODEL	CA 773
ELECTRICAL	
Display	LEDs + backlit digital display
Voltage Absence Testing (VAT)	12 V _{AC} ≤ U ≤ 1000 V _{AC} ; 12 V _{DC} ≤ U ≤ 1400 V _{DC}
Voltage	LEDs (12 to 1000) V _{AC} ; (12 to 1400) V _{DC}
	LEDs + backlit digital display (1.0 to 299.0) V _{AC/DC} (300 to 1,000) V _{AC} / 1,400 V _{DC}
Frequency	DC, (16.67 to 800) Hz
Impedance	> 500 kΩ
Max. Peak Current	3.5 mA RMS
Polarity Indication	Yes
Redundant Hazardous Voltage Indication	The ELV (<i>Extra-Low Voltage</i>) LED indicates that the voltage is higher than the SELV (<i>Safety Extra-Low Voltage</i>) with rate at flashing proportional to the voltage level
Stray Voltage Detection	Yes (by low-impedance load switching)
GFI Tripping	Up to 30 mA
Phase / Neutral Identification	Above 50 V (45 to 65) Hz; Above 150 V (16.67 to 45) Hz
CONTINUITY & RESISTANCE	
Buzzer Trigger Threshold	100 Ω typical (150 Ω max.)
Extended Continuity Test (Resistance)	0.5 Ω to 2999 kΩ
Test Current / Open-circuit Voltage	≤ 1 mA / ≤ 3.3 V
Phase Rotation	2-wire method with microprocessor
Ph / Ph Voltage	50 V ≤ U ≤ 1000 V _{AC} (45 to 400) Hz
Buzzer	Intermittent beep for Voltage Detection Continuous beep for continuity
Electrical Safety	IEC 61243-3, EN 61243-3, IEC 61010 1000 V CAT IV
Operating Temperatures	(5 to 113) °F (-15 to 45) °C (Class N)
Power Supply	(2) AA batteries (included) or NiMH batteries
Environment	Storage: (-40 to 158) °F (-40 to 70) °C
Dimensions	(7.72 x 3.54 x 1.85) in (196 x 90 x 47) mm
Weight	1.25 lb (567 g)

Consult factory for NIST Calibration prices.

PRODUCT INCLUDES

Set of removable test probes Ø 2 mm with crystal safety cover, probe-tip protector, velcro strap, (2) 1.5 V AA batteries, and a multilingual user manual.



CAT. #

DESCRIPTION

2121.15

Voltage Tester Model CA 773 (LED & backlit display, VAT 12 V_{AC} ≤ U ≤ 1000 V_{AC}; 12 V_{DC} ≤ U ≤ 1400 V_{DC}, Absence of Voltage)



Vol. 24 Rev.00 06/2024

Technical Assistance (800) 343-1391

www.aemc.com

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