

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

SPECIFICATIONS

| MODEL | CA 773 |
|--|---|
| ELECTRICAL | |
| Display | LEDs + backlit digital display |
| Voltage Absence Testing (VAT) | 12 VAC ≤ U ≤ 1000 VAC; 12 VDC ≤ U ≤ 1400 VDC |
| Voltage | LEDs |
| | LEDs + backlit digital display |
| | (12 to 1000) VAC; (12 to 1400) VDC |
| | (1.0 to 299.0) VAC/DC (300 to 1,000) VAC / 1,400 VDC |
| 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 (Extra-Low Voltage) LED indicates that the voltage is higher than the SELV (Safety Extra-Low Voltage) 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 VAC (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) |

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.



CA 773



FEATURES

- Full autotest
- Voltage detection, LED display:
12 VAC ≤ U ≤ 1000 VAC
12 VDC ≤ U ≤ 1400 VDC
- 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 = a third hand is not required
- 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

| CATALOG NO. | DESCRIPTION |
|-------------|---|
| 2121.15 | Voltage Tester Model CA 773 (LED & backlit display, VAT 12 VAC ≤ U ≤ 1000 VAC; 12 VDC ≤ U ≤ 1400 VDC, Absence of Voltage) |



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