



## Models C.A 771 & C.A 773



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

### SPECIFICATIONS

MODELS	C.A 771	C.A 773
<b>ELECTRICAL</b>		
Display	LEDs	LEDs + backlit digital display
<b>Voltage Absence Testing (VAT)</b>		
Voltage	12V <sub>AC</sub> ≤ U ≤ 1000V <sub>AC</sub> ; 8 to 1000V <sub>AC</sub> ; 8 to 1400V <sub>DC</sub>	12V <sub>DC</sub> ≤ U ≤ 1400V <sub>DC</sub> ; 1 to 299V <sub>AC/DC</sub> ; 300 to 1000V <sub>AC/1400V<sub>DC</sub></sub>
Frequency	DC, 16.67 to 800Hz	
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)	
<b>GFU Tripping</b>	up to 30mΩ	
<b>Phase/Neutral Identification</b>	Above 50V (45 to 65Hz); Above 150V (16.67 to 45Hz)	
<b>Continuity &amp; Resistance</b>		
Buzzer Trigger Threshold	100Ω typical (150Ω max.)	
Extended Continuity Test (Resistance)	2kΩ, 60kΩ, 300kΩ	0.5Ω to 2999kΩ
Test Current/ Open-circuit Voltage	≤ 1mA / ≤ 3.3V	
<b>Phase Rotation</b>		
Ph/Ph Voltage	2-wire method with microprocessor 50V ≤ U ≤ 1000V <sub>AC</sub> (45 to 400Hz)	
<b>Buzzer</b>	Intermittent beep for Voltage Detection Continuous beep for continuity	
<b>Standards &amp; Electrical Safety</b>	IEC 61243-3:2009, EN 61243-3:2010, IEC 61010 1000V CAT IV	
<b>Operating Temperatures</b>	-25.6° to 140°F (-30° to 60°C) (Class S)	5° to 113°F (-15° to 45°C) (Class N)
<b>Power Source</b>	4 x AA batteries (included) or NiMH batteries	
<b>Environment</b>	Storage: -40° to 158°F (-40° to 70°C)	
<b>Dimensions/Weight</b>	7.72 x 3.54 x 1.85" (196 x 90 x 47.1mm) / 570g	

### FEATURES

- Full autotest
- Voltage detection, LED display: 12V<sub>AC</sub> ≤ U ≤ 1000V<sub>AC</sub>; 12V<sub>DC</sub> ≤ U ≤ 1400V<sub>DC</sub>
- Frequency: DC, 16.67 to 800Hz
- 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 < 100Ω)
- Extended continuity test with visual indication for R < 2kΩ, 60kΩ and 300kΩ (Model C.A 771) R < 0.5Ω to 2.999kΩ (Model C.A 773)
- RCD trip test
- Complies with EN 61243-3 Ed.2009, EN 61243-3 Ed.2010 & IEC 61010 1000V CAT IV
- Climatic conditions: -25.6° to 140°F (-30° to 60°C) (Class S) (Model C.A 771) and 5° to 113°F (-15° to 45°C) (Class N) (Model C.A 773)
- Battery life > 5000 x 10s (Model C.A 771) 2500 x 10s (Model C.A 773) measurements
- Removable lead and test probe
- Delivered complete and ready to use



### PRODUCT INCLUDES

#### C.A 771 & C.A 773

2 x 1.5V LR06/AA batteries, velcro strap, set of removable test probes Ø 2mm with crystal safety cover, probe-tip protection, and user manual in 5 languages.

### CATALOG NO.

### DESCRIPTION

2121.14	Voltage Tester Model C.A 771
2121.15	Voltage Tester Model C.A 773