

RoHS  
Compliant

## Features



- Complies with EN 61243-3: 2014
- LED Indication Range: 12V to 1000V DC and AC
- Independent ELV indicator LED, indicates if >50V AC/120V DC is present even in the event of no battery power of main circuit failure.
- LCD Indication Range: 6V to 1000V dc and ac
- Resistance Measurement: LCD 3½ digit (0 to 1999 Ω/1Ω resolution)
- LCD Backlight Display HOLD: Freeze/unfreeze display with voltage or resistance measurement
- Rugged, Double-Insulated Wire
- Fixed Impedance -300 kΩ (≤3.5 mA @ 1000V) Switchable Load by 2 pushbuttons(30 mA @ 230V)
- Single-Pole Phase Test (also operates with gloves) Rotary Field Direction (also operates with gloves) Continuity Test / Diode Test
- Flashlight
- Beeper for Continuity / Phase / ACV
- 19mm Probe Tip distance when docked
- CAT III 1000V / CAT IV 600V
- IP64 rating

## Specifications

LEDs	
LED voltage range	12V to 1000V AC/DC
LED resolution	±12, 24, 50, 120, 230, 400, 690, 1000V AC/DC
Tolerance	Complies with EN 61243-3: 2014
Frequency range	0/40Hz to 400 Hz
Response time	≤1 seconds
Auto power on	Auto power on ≥12V AC/DC
LCD	
LCD display	1999 counts (3 1/2 digit) LCD display with bargraph & backlight
Voltage range	6V to 1000V AC/DC
Resolution	1V AC/DC
Tolerance	±3.0% of reading ±5 digit
Frequency range	0/40Hz to 400 Hz
Response time	≤1 seconds
Auto power on	Auto power on ≥ 6V AC/DC
<b>Voltage detection</b>	Automatic
<b>Polarity detection</b>	Full range
<b>Range detection</b>	Automatic
<b>Internal basic load impedance Peak current</b>	Maximum 3.5mA at 1000 V 350 kΩ/1s<3.5mA(no RCD tripping)
<b>Operation time</b>	Duration Time = 30 seconds
<b>Recovery time</b>	Recovery Time = 240 seconds

# Voltage Tester

**multicomp** PRO

<b>Switchable Load</b>	~7 kΩ
Peak current	Is (load) = 150mA
RCD tripping	~30mA @ 230V
<b>Continuity Test</b>	0 to 400kΩ
Accuracy	nominal resistance ±50%
Test current	≤5 μ A
<b>Resistance Measurement</b>	0Ω to 1999Ω
Resolution	1Ω
Tolerance	±(5% rdg + 10 digits) @ 20°C
Temperature coefficient	±5 digits/10K
Test current	≤30μA
<b>Single-pole Phase Test</b>	100V to 1000V AC
Frequency range	50 Hz to 400Hz
<b>Rotary Field Indication</b>	
Voltage range(LEDs)	100V to 1000V
Frequency range	50/60Hz
<b>Measurement principle</b>	Double-pole and contact electrode
<b>Safety standards</b>	EN61243-3:2014
<b>Agency approvals</b>	TÜ V Rheinland -GS
<b>Overvoltage protection</b>	1000V AC/DC
<b>Measurement category</b>	CAT III 1000V / CAT IV 600V
<b>Protection degree</b>	IP64
<b>Power supply</b>	2 x 1.5V "AAA" Batteries
<b>Power consumption</b>	Max.30mA / approx..250mW
<b>Temperature range</b>	-10°C up to +55°C
<b>Humidity</b>	max.85% relative humidity

## Part Number Table

Description	Part Number
Voltage Tester, LED, 1KV, AC/DC, LED/LCD	MP760855

**Important Notice** : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp** PRO