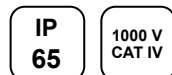




Voltage detector (DDT/VAT)

Versatility for field use



CA 773

Reference	P01191773
Display	LEDs + backlit digital display
Voltage detection (DDT)	
Voltage	1.0 V to 299.0 V _{AC/DC} 300 V to 1000 V _{AC} / 1400 V _{DC}
Frequency	DC, 16 ^{2/3} at 800 Hz
Impedance	> 500 kΩ
Max. peak current	3.5 mA RMS
Indication of polarity	Yes
Redundant indication of dangerous voltage	The ELV (Extra Low Voltage) LED indicates a voltage higher than the TBT (Extra Low Voltage) with a flashing speed proportional to the voltage.
Stray voltage detection	Yes (by low impedance load switching)
Differential protection triggering	Yes (by low impedance load switching) (approx. 30 mA at 230 V)
Phase/Neutral marking	Above 50 V (45 - 65 Hz) Above 150 V (162/3 - 45 Hz)
Continuity & Resistance	
Buzzer triggering threshold	100 Ω typical (150 Ω max.)
Extended continuity test (resistance)	0.5 Ω to 2.999 kΩ
Test current / Open circuit voltage	≤ 1 mA / ≤ 3.3 V
Phase rotation	
Voltage Ph/Ph	Microprocessor 2-wire method 50 V ≤ U ≤ 1000 V _{AC} (45 - 400 Hz)
Buzzer	Intermittent beep for voltage detection Continuous beep for continuity
Electrical standards and safety	IEC 61243-3:2009, EN 61243-3:2010, IEC 61010 1000 V CAT IV
Degree of protection of the envelope	IP 65
Weather conditions	-15°C to +45°C (class N)
Battery life	> 2,500 measurements of 10 seconds
Dimensions / Weight	228 x 60 x 39 mm (without test probe) Approx. 350 g

Delivery condition

CA 773 : supplied with 1 NF in 5 languages, 2 x 1.5 V LR06/AA batteries, 1 set of removable test probes Ø 2 mm with crystal safety cap, 1 probe protector and 1 Velcro strap.

Digital tester



CA 757

Reference	P01191757
Current test	
Measurement range via current sensor	from 500 mA to 30 A (2 calibres)
Resolution	from 0.01 A to 0.1 A
DC voltage	
Measurement range	3 mV to 1000 V (4 ranges)
Resolution	From 1mV to 1V
AC voltage	
Measurement range	100 mV to 1000 V (4 ranges)
Resolution	From 1mV to 1V
Operating frequency	DC and 50/60 Hz
Impedance	10 MΩ
Contactless voltage detection	Under 230 V 50/60 Hz at a distance of approx. 5 cm
Audible continuity test	R ≤ 30 Ω
Resistance test	
Measurement range	from 0.3 Ω to 30 MΩ (6 calibres)
Resolution	from 0.1 Ω to 0.01 MΩ
Capacity test	
Measurement range	from 400 pF to 30 mF
Resolution	from 0.001 nF to 0.01 mF
Standards	600 V CAT III, IEC 61010-1, IEC 61010-031, IEC 61010-032, IEC 61010-033
Power source	2 x 1.5 V LR03 batteries
Battery life	100 hours with alkaline batteries Automatic standby after 10 minutes
Dimensions / Weight	180 x 52 x 45 mm / 200 g

Delivery condition

CA 757: supplied with 1 set of CAT III / IV thin test probes (red/black), 2 x 1.5 V LR03 alkaline batteries, 1 MiniFlex® sensor (loop length 250 mm) and 1 Velcro strap.

Accessories and spares:

CAT IV test probes for DDT
Ø 2 mm test probes for DDT
Ø 4 mm test probes for DDT
Probe protectors for DDT
IP2X CAT IV probes for DDT
Ø 4 mm IP2X probes for DDT
MultiFix bag 120 x 320 x 60 mm

P01102123Z
P01102124Z
P01102125Z
P01102126Z
P01102127Z
P01102128Z
P01298076

Accessories and spares:

Red/black CAT III/IV test probes
Red/black test probes Ø 2 mm, CAT II
Red/black test probes Ø 4 mm, CAT II
Velcro strap x 5
1.5 V alkaline battery LR3/AAA (x 1)
MultiFix accessory bag, 120 x 200 x 60
MultiFix mounting accessory
MA101-250, current sensor for CA 757

P01102152Z
P01102153Z
P01102154Z
P01102113
P01296032
P01298074
P01102100Z
P01120591