

VT25 & VT28

Voltage Testers



Key features

- Auto detect AC/DC voltage
- Single pole phase test
- Phase rotation test
- Continuity test – LED and buzzer
- Auto power off
- White LED torch light

Additional features VT28

- LCD display

	VT25	VT28
LED Voltage Indication	12-690V AC/DC	12-690V AC/DC
LED + LCD Voltage Indication		10V-690V (DC, 16Hz-400Hz)
Continuity (LED + Buzzer)	✓	✓
Phase Rotation	✓	✓
Single Pole Test	✓	✓
LED Torch	✓	✓
BS EN 61010-1 Safety Rating	CAT III 1000V CAT IV 600V	CAT III 1000V CAT IV 600V
GS38 Compliance	✓	✓

The VT25 is a compact voltage tester which measures continuity, phase rotation and voltages between 12V and 690V. This compact tester complies with the latest edition of BS EN 61243-3 and is supplied with removable probe caps for GS38 compliance. The 1.2m cable is double insulated with a black outer and contrasting inner core to give visual warning of damage to the cable.

The VT28 shares the same useful functions as the VT25 but has the additional benefit of an LCD display.

All voltage, continuity and phase rotation indications have the same bright LED indication but the VT28 also displays the measured voltage reading on the 25mm x 15mm LCD display.



VT25 VT28

Voltage Testers

FUNCTION	VT25	VIT28
ELECTRICAL		
Maximum working voltage	690V DC & AC rms	
Nominal voltage threshold indications	12, 24, 50, 120, 230, 690V AC/DC	
Nominal voltage threshold tolerance	Conforms to BS EN 61243-3:2014	
Internal impedance at ELV AC	260kΩ	
Polarity indication	from 12V DC/AC rms	
Range detection	automatic	
Response time	<1s to 100% of each nominal voltage	
Frequency range	DC, 16 to 400Hz	
Test current (In)	<3.5mA	
Duty ratio	30s ON (operated) / 240s OFF (recovery)	
Overvoltage protection	690V DC or AC rms	
DIGITAL VOLTMETER		
Voltage range		10V to 690V (DC, 16 to 400Hz)
Resolution		0.1V
Accuracy		± (3% + 5 digits)
SINGLE POLE PHASE TEST		
Voltage range	100 to 690V AC rms	
Frequency range	50 to 60Hz	
PHASE ROTATION TEST		
Voltage range	120 to 400V AC rms (phase to earth)	
Frequency range	50 to 60Hz	
CONTINUITY		
Resistance range	0 to 500kΩ + 50%	
Test current	3μA	
Overvoltage protection	690V DC or AC rms	
ENVIRONMENTAL		
Temperature (Operating)	-10°C to 55°C	
Temperature (Storage)	-20°C to 70°C, Non condensing	
Humidity (Operating & Storage)	≤ 85% R.H	
Altitude	up to 2000m	
Pollution degree	2	
GENERAL		
Power	2 x 1.5V, AAA alkaline batteries (IEC LR03, NEDA 24A)	
Battery consumption	80mA max.	
Dimensions	285(L) x 72(W) x 41(D) mm	
Weight	250g	
SAFETY		
Conforms to	BS EN 61243-3, BS EN 61010-1 CAT IV 600V, CAT III 1000V	
	Class II, double insulation	
IP rating	IP64 to BS EN 60529	
	GS38 compliance (with probe covers fitted)	
EMC		
Conforms to	BS EN 31326-1	

Included

VT25: 2 x probe tip covers, 2 x 1.5V AAA batteries and instruction manual

VT28: 2 x probe tip covers, 2 x 1.5V AAA batteries and instruction manual

Related products

PD690S 690V AC proving unit

PD690SX 690V AC proving unit with CALCHECK,

VT25PD 690V voltage tester, proving unit & carry case

VT28PD 690V voltage tester with LCD, proving unit & carry case

TC70 soft carry case for VT25/VT28

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