

**MARTINDALE**  
ELECTRICSpecification  
VT25/VT28  
Voltage Tester**Voltage Indicator**

Maximum working voltage: 690V DC & AC rms  
Nominal voltage threshold indications: 12, 24, 50, 120, 230, 400, 690V AC/DC  
Nominal voltage threshold tolerance: Conforms to BS EN61243-3:2010  
Polarity indication: from 12V DC/AC rms  
Range detection: Automatic  
Response time: <1s at 100% of each nominal voltage  
Frequency range: DC, 16 to 400Hz  
Test current ( $I_s$ ): <3.5mA at 690V  
Duty ratio: 30s ON (operated) / 240s OFF (recovery)

**Single Pole Phase Test**

Voltage range: 100 to 690V AC rms  
Frequency range: 50 to 60 Hz

**Phase Rotation Test**

Voltage range: 120 to 400V AC rms (phase to earth)  
Frequency range: 50 to 60Hz

**Continuity**

Resistance range: 0 to 500k $\Omega$  + 50%  
Overvoltage protection: 690V DC or AC rms

**Environmental**

Temperature: (operating) -10°C to 55°C,  
(storage) -20°C to 70°C, non condensing  
Humidity (operating & storage): Max 85% R.H.  
Altitude: up to 2000m

**General**

Power: 2 x 1.5V, AAA alkaline batteries (IEC LR03, NEDA 24A)  
Battery consumption: 80mA approx.  
Dimensions: 205(L) x 67(W) x 27(D) mm  
Weight packed: 130g approx.  
Includes: 2 x 1.5V AAA batteries, instructions

**Safety**

Conforms to BS EN61243-3:2010 CAT IV 300V, CAT III 600V  
Class II, double Insulation  
Pollution degree: 2  
IP rating: IP64

**EMC**

Conforms to BS EN61326-1

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- Non-Trip Loop Testers
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- Phase Rotation Testers
- Proving Units
- Socket Testers
- Thermometers & Probes
- Test Leads
- Voltage Indicators
- Specialist Metrohm Testers (4 & 5kV)
- Specialist Drummond Testers

**MARTINDALE**  
ELECTRIC

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