

MARTINDALE
ELECTRIC

Specification
VT12
Voltage Tester



ELECTRICAL

Voltage Detector

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 a.c.: 260k Ω

Polarity indication: from 12V DC/AC rms

Range detection: Automatic

Response time: <0.1s

Frequency range: DC, 0-65Hz

Test current (I_b): <3.5mA

Duty ratio: 30s ON (operated) / 240s OFF (recovery)

Overvoltage protection: 690V DC or AC rms

Single Pole Phase Test

Voltage range: 100 to 690V AC rms

Frequency range: 45 to 65Hz

Continuity

Resistance range: 0 to 200k Ω

Test current: 3 μ A

Overvoltage protection: 690V DC or AC rms

ENVIRONMENTAL

Temperature (Operating & Storage): -10°C to 55°C

Humidity (Operating & Storage): \leq 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: 30mA max

Dimensions packed: 250 x 75 x 40 mm

Weight packed: approx. 200g

Includes: 2 x 1.5V AAA batteries, 2 x probe tip covers, instructions

SAFETY

Conforms to BS EN 61243-3, BS EN 61010-1

CAT IV 300V, CAT III 690V

Class II, double insulation

IP rating: IP54 to BS EN 60529

GS38 compliance (with probe covers fitted)

EMC

Conforms to BS EN 61326-1

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- Motor Maintenance Equipment
- Multifunction Testers
- Non-trip Loop Testers
- Pat Testers & Accessories
- Phase Rotation Testers
- Proving Units
- Socket Testers
- Thermometers & Probes
- Test Leads
- Voltage Testers
- Specialist Metrohm Testers (4 & 5kV)
- Specialist Drummond Testers



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