

**MARTINDALE**  
ELECTRIC

Specification  
VT12  
Voltage Indicator



## 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 EN61243-3:2010

**Range detection:** Automatic

**Response time:** <0.5s

**Frequency range:** DC, 0-65Hz

**Test current:**  $I_n < 3.5\text{mA}$  /  $I_s < 50\text{mA}$

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

**Auto power on:** >12V DC/AC rms

**Overvoltage protection:** 690V DC or AC rms

## SINGLE POLE PHASE TEST

**Voltage range:** 100 to 690V AC rms

**Frequency range:** 45 to 65 Hz

**Overvoltage protection:** 690V DC or AC rms

## CONTINUITY

**Resistance range:** 0 to 500 k $\Omega$

**Test current:** 3 $\mu\text{A}$

**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

## GENERAL

**Power:** 2 x 1.5V, AAA alkaline batteries (IEC LR03, NEDA 24A)

**Battery power consumption:** 250mW approx.  
(max 30mA)

**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, BS EN61010-1 CAT IV 300V, CAT III 600V.

Class II, Double Insulation

Pollution Degree: 2

IP rating: IP54

## EMC

Conforms to BS EN61326-1