



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 Ω

Test current: 3 μA

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