

## LCD voltage and continuity tester

### Main features

- Start voltage : 6V
- Polarity indication
- Continuity test
- Single-pole phase test
- Phase rotation test
- Torch light
- Side detection for ELV and continuity
- Auto-power ON / OFF
- High resolution voltage of 0.1 V (<30 V)
- Voltage range : 1000V AC and 1500V DC
- Non-Contact Voltage detection
- RCD trip test (via 2-button activation)
- Diode test
- Voltage test with load
- Resistance measurement
- Frequency measurement
- Vibration motor for ELV

### Easy to use

The new SEFRAM 66 is an easy-to-use instrument :  
Direct reading of voltage and polarity on LCD backlight screen.

### Robustness and efficacy

Robust, The SEFRAM 66 is a field device resilient to shocks. This tester is equipped with a torch light for measurements in dark environments. The LCD display permit without ambiguity an instantaneous evaluation of the measured voltage. The vibrator is activated and the backlight changes color when voltage is detected.

### Safety

The SEFRAM 66 has been designed, tested and approved according to the EN61243-3 standard. Designed with IP2X test probes, the user will be protected in any cases, including misuse of the instrument. The SEFRAM 66 is rated : CAT III - 1000V and CAT IV - 600V. It's equipped with complete autotest enable operating verification and with a double safety information (in front and on a side).



Continuity test

Voltage detection

Autotest

Vibrator

RCD trip test

Specifications		SEFRAM 66
Voltage range		1V to 1000 VAC (16 à 800 Hz), 1 to 1500 VDC
Nominal voltage		6/12/24/50/120/230/400/690 V (represented shown as LCD segments)
LED Tolerances		According to EN 61243-3
ELV-Indication LED		for V>50 VAC or V>120 VDC
Response time		<1s to 100 % of each nominal value
LCD Range		1 to 1000 VAC (16 to 800 Hz), 1 to 1500 VDC
LCD Resolution		0.1 V (1 to 29.9 V), 1 V (30 to 1500 V)
LCD voltage accuracy		±3 % ±5 dgt (1 to 29.9 V) ±3 % ±3 dgt (30 to 1500 V)
Overrange indication		'OL' display
Safety current		Is < 3.5 mA (at 1000 V)
Peak current		<3.5 mA (at 1000 V)
Measurement duty		30 s ON (operation time <690 V), 10 s ON (operation time >690 V), 240 s OFF (recovery time)
Internal battery consumption		Approx. 120 mA
Single-pole phase test voltage range		100 to 1000 VAC (50/60 Hz)
Phase rotation test		170 to 1000 V phase-to-phase, AC (40-70 Hz)
Continuity test		0 to 500 kΩ + 50 %
Resistance measurement		
Range		0 to 1999 Ω
Précision		5 % ±10 dgt at 25 °C
Resolution		1 Ω
Frequency measurement		
Range		1 at 800 Hz
Precision		±5 % ±5 dgt;
resolution		1 Hz
RCD test		30 mA at 230 V
General specifications		
Power supply		2x 1.5V IEC LR03 / AAA
Operating temperature		-15 to 55°C
Storage temperature		-20 to 70°C without condensation
Humidity		85% relative humidity max.
Altitude		Up to 2000 m
Safety / overvoltage		CAT III 1000V / CAT IV 600V
Standard		EN/IEC 61243-3:2014
Protection		IP 64
Dimensions		239 x 68 x 29 mm
Weight		235 g with batteries
Warranty		2 years

**Optional accessories:**

SC518: Protective bag

SC523: Belt case



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SC523: Belt case



FT SEFRAM66 A00 - Specifications can be updated without notice

**For assistance and ordering**



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