

# SEFRAM 66

# 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

Sefram

- 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 equiped with a torch light for measurements in dark environments. The LCD display permit without ambiguity an instaneous 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 equiped with complete autotest enable operating verification and with a double safety information (in front and on a side).













#### LCD voltage and continuity tester

| 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 dqt (30 to 1500 V)  |
| Overrange indication                  | ' 'OL' display  |
| Safety current                        | ls < 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 <b>Ω</b>  |
| 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   |
|                                       | 2 10015   |

#### **Optional accessories:**

SC518: Protective bag



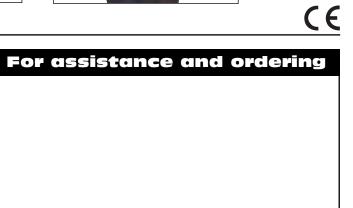


SC518: Protective bag



SC523: Belt case

FT SEFRAM66 A00 - Specifications can be updated without notice







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