

**Description**

The Meter MMO-40 is designed to measure the circuit resistance of various components of electric equipment that completely deenergized in a wide range of measured values.

Measurements are taken at four-wire circuit scheme.

MMO 40 provides an output of measurement results on LCD display.

**Technical specification****1. Extended range**

- Current range when measuring the resistance, up to 100 mA
- Maximum value of measured resistance, 20 kOhm
- Minimum value of measured resistance\*, 5 kOhm
- Limits of absolute basic error:  $\pm 0.2\%R_x \pm 0.2 \text{ mOhm}$

The minimum value of measured resistance is limited by the absolute error of  $\pm 0.2 \text{ mOhm}$ . \*

**2. Range 5 Ohm, 0.5 A**

- Current range when measuring the resistance, 50 mA
- Maximum value of measured resistance, 5 mOhm
- Minimum value of measured resistance,  $5 \cdot 10^{-3} \text{ Ohm}$
- Limits of absolute basic error  $\pm (3 \cdot 10^{-3} R_x + 20 \cdot 10^{-6}) \text{ Ohm}$

**3. Range 5 Ohm, 5 A**

- Current range when measuring the resistance, 50 A
- Maximum value of measured resistance, 0.5 Ohm
- Minimum value of measured resistance\*,  $1 \cdot 10^{-3} \text{ Ohm}$
- Limits of absolute basic error  $\pm (3 \cdot 10^{-3} R_x + 20 \cdot 10^{-6}) \text{ Ohm}$

**4. Range 50 mOhm, 50 A**

- Current range when measuring the resistance, 50 A
- Maximum value of measured resistance,  $50 \cdot 10^{-3} \text{ Ohm}$
- Minimum value of measured resistance\*,  $100 \cdot 10^{-6} \text{ Ohm}$

Limits of absolute basic error  $\pm (3 \cdot 10^{-3} R_x + 20 \cdot 10^{-6}) \text{ Ohm}$

Dimensions of MMO-40 case: 280x240x125 mm; weight: 3 kg

Dimensions of MMO-40 accessories case: 280x240x125 mm; weight: 2 kg