

Et-809

Professional Insulation-Continuity Tester



Every electrical appliance and installation needs to be safe for the user. Electrical conductors, appliances and installations must all be insulated to prevent electric shock from inadvertent contact.

Also low insulation resistance on installations will result in leakage currents which in turn cause increasing costs of energy, thus making overhead expenses to considerably multiply.

Periodical tests are required to ensure that the insulation of appliances or installations are not deteriorating. A breakdown of insulation can be caused by mechanical factors of wear and tear or breakage and or foreign matter may reduce insulation resistance. Regular tests are required with the use of the ET-809 insulation tester, that will detect possible faults or irregularities in insulation.



Features

- ◆ High quality taut band movement meter
- ◆ Three insulation test voltages: 250V, 500, 1000VDC
- ◆ Two continuity tests on low ohms: 500Ω and 3Ω
- ◆ Small and lightweight
- ◆ AC voltmeter with linear scale up to 600 VAC
- ◆ 205mA continuity short circuit current
- ◆ 1mA test current on insulation test at nominal voltage
- ◆ Automatic discharge of capacitance and inductive circuit with charge stored in the circuit under test
- ◆ Live warning and display of external voltage
- ◆ On line battery monitoring
- ◆ Very low battery consumption
- ◆ Supplied with high quality lead set
- ◆ Push and turn locking switch for hands free testing
- ◆ IEC 1010 CAT III 600V



Contact us

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Specifications

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Test Voltage	250V	500V	1000V
Output Ranges on open circuit	Rated test voltage +10%		
Measuring Ranges	0-100MΩ	0-200MΩ	0-400MΩ
Mid-scale Value	1MΩ	2MΩ	4MΩ
Scale multiplier	X1/2	X1	X2
Accuracy	±3% of indicated value		
Output Short-Circuit Current	1.3mA		

Measuring ranges	3Ω/500Ω
Output Short-Circuit Current	205mA
Accuracy	±1.5% of scale length

Features

Voltage Warning	Warning light circuit live lit From 90Vdc/ 70 Vac Buzzer beep from 24 Vac/dc
Battery Check	Battery check indicate good batteries from 8Vdc to 13Vdc during a load test of 240mA
Battery OK	Battery OK Led from 8Vdc and is operative while testing
Power source	1.5V (SUM-3) x 8 Type AA.
Dimension	175(L) x 85(W) x 75 (D)mm
Weight	Approx. 650g (battery included)
Accessories	Test leads Fuse (0.5A 250V) Carrying Case Instruction manual Batteries

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