



DIT 99 Series

Features

- 3½ Digit 17mm LCD Display
- High Accuracy $\pm (3\% \text{ rdg} + 2 \text{ dgt})$
- Single Person Push Button Operation
- Designed to Generally Conform to IS 10656-1983
- Meets Requirement of IEC1010, Installation Category II, 1000V Phase - Earth
- Terminal Voltage more than 85% of rated Voltage for Insulation Resistance Measurement from 10% to 100% of the Insulation Resistance Range
- 5 Models with various Voltage & MOhm Ranges
- Carrying Case

Applications

- Ideal for Insulation Resistance Measurement of
- Electrical Equipment (Motors, Transformers, Machines, etc.)
- Electrical Cables for Distribution Networks
- Cables for Communication Networks
- House Hold Appliances (Washing Machines, Mixer, Toaster, etc.)
- Industrial, Commercial & Residential Installations

Model	Range	Test Voltage DC	Resolution
DIT 99A	0 - 20 MOhms	100 V	0.01 MOhms
DIT 99B	0 - 200 MOhms	250 V	0.1 MOhms
DIT 99C	0 - 200 MOhms	500 V	0.1 MOhms
DIT 99D	0 - 200 MOhms	1000 V	0.1 MOhms
DIT 99E	0 - 2000 MOhms	1000 V	1 MOhms

Specifications

Display	3½ digit LCD display, 17mm height with a maximum reading of 1999
Accuracy	$\pm (3\% \text{ rdg} + 2 \text{ dgt})$ at $27^{\circ} \text{C} \pm 5^{\circ} \text{C}$
Conversion Rate	2.5 sec
Over-Range Indication	" 1 " is Displayed
Operating Temperature	0° to 50°C
Storage Temperature	-10°C to 60°C
Relative Humidity	80% Maximum
Low Battery	' ' is Displayed when Battery Voltage drops below Operating Voltage
Power	9V (6 x 1.5V AA) Battery, Eveready type 1015 or equivalent
Dimensions	144.5 (H) x 95 (W) x 56.5 (D) mm
Weight	395 gms approx. Including Batteries
Standard Accessories	1 x Pair of Crocodile / Alligator Test Leads (Red & Black) 1 x Carrying Case 6 x 1.5V AA Batteries (Fitted - In) 1 x Operation Manual
Dielectric Strength	3.5 KV @ 50Hz for 1 min. between Input Terminals & Case
Insulation Resistance	More than 50MOhm at 500V between Circuit & Case