

Di-LOG
...measurably better

DL9050N - Insulation Tester



The DL9050N is a hand held 17th Edition Insulation Tester c/w Zero option for continuity

The DL9050N has a large back lit LCD and bar graph display, with a measuring range up to 4GΩ. Test voltages from 125 to 1000V and a lock button for quick testing. The double moulded case makes the instrument suitable for the most rugged applications.



Key Features

- Insulation Test Volt 125, 250, 500 & 1kV
- Insulation Test 0.1MΩ to 4000MΩ
- Continuity Test 0.01Ω to 400Ω
- Live Circuit Detection
- Min/Max Function
- Output Voltage Lock
- Lead Zero on Continuity
- Auto Power Off

Di-LOG
GROUP

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DL9050N - SPECIFICATIONS

Continuity Ohms

Range	Resolution	Accuracy
400Ω	0.01Ω	±2 % of rdg ± 2 dgts

Max open circuit voltage:- 4.5V

Overload protection:- 250Vrms

Audible continuity

Range	Resolution	Operation Resistance
Beeper	0.1Ω	<40Ω
Short Circuit Current		<200mA

Max open circuit voltage:- 4.5V

Overload protection:- 250Vrms

Voltage (Auto-ranging)

Range	Resolution	Accuracy
1000V	1V	±0.8 % of rdg ± 3 dgts

Input Impedance:- 10MΩ

Overload protection:- 1000V rms

AC Voltage (Auto-ranging)

Range	Resolution	Accuracy
750V	1V	±1.2 % of rdg ± 10 dgts

Input Impedance:- 10MΩ

Overload Protection:- 750Vrms

Insulation

Range	Resolution	Resolution	Accuracy
125V (0%-10%)	0.125-4.00MΩ 4.001-40.0MΩ	0.001MΩ 0.01MΩ	±2% of rdg ± 10 dgts ±2% of rdg ± 10 dgts
1mA @ load 125KΩ ISC ≤1mA	40.01-400.0MΩ 400.1-4000MΩ	0.1MΩ 1MΩ	±4% of rdg ± 6 dgts ±4% of rdg ± 6 dgts
250V (0%-10%)	0.250-4.000MΩ 4.001-40.00MΩ	0.001MΩ 0.01MΩ	±2% of rdg ± 10 dgts ±2% of rdg ± 10 dgts
1mA @ load 250KΩ SC ≤1mA	40.01-400.0MΩ 400.1-4000MΩ	0.1MΩ 1MΩ	±3% of rdg ± 6 dgts ±4% of rdg ± 6 dgts
500 (0%-10%)	0.500-4.000MΩ 4.001-40.00MΩ	0.001MΩ 0.01MΩ	±2% of rdg ± 10 dgts ±2% of rdg ± 10 dgts
1mA @ load 500KΩ ISC ≤1mA	40.01-400.0MΩ 400.1-4000MΩ	0.1MΩ 1MΩ	±2% of rdg ± 6 dgts ±4% of rdg ± 6 dgts
1000V (0%-10%)	1.000-4.000MΩ 4.001-40.00MΩ	0.001MΩ 0.01MΩ	±2% of rdg ± 10 dgts ±2% of rdg ± 10 dgts
1mA @ load 1MΩ ISC ≤1mA	40.01-400.0MΩ 400.1-4000MΩ	0.1MΩ 1MΩ	±4% of rdg ± 6 dgts ±4% of rdg ± 6 dgts

Input Impedance: 10MΩ.

Maximum Input: 1000V DC or 1000V AC rms.

Information

Supplied with 6 x 1.5V AA

Dimensions: 200(H) x 92(W) x 50(D) mm

Weight: 700g

**All Di-log 17th Edition
supported by a
2 Year Warranty**

CE EMC & LVD
EN:61326, 61010-1 CAT III 1000V, 61010-02-031

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