



RESISTANCE TESTER [LINE LOOP CONTACT] Model: MRL-V

(Continuously adjustable: 10 to 100A DC)



MRL-V is a new, contact Resistance Tester with continuously adjustable test current to 100A DC

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UDEYRAJ ELECTRICALS PRIVATE LIMITED

RESISTANCE TESTER [LINE LOOP CONTACT]

(Test current 10-100A DC, LCD display: Model: MRL - V)

Introduction: Measuring the line loop contact resistance by bridges is not the ideal method as the test current is only a few milli amperes. Thus the value is not the true value of the contact resistance. Model MRL-V is a direct reading tester, and uses a current of DC 10-100A, resulting in true value and accurate measurements. Model MRL-V' adopts digital circuit technique and is used for measuring contact resistance of switch control equipments.

The measurements are accurate as the test current is highly stable. MRL-V is a new tester with fully adjustable test current that measures contact resistance at 10-100A DC.

MRL-V is user friendly, accurate reliable, light weight and reliable.

MRL-V incorporates two LCD displays to display resistance & test current.

MRL-V incorporates breakthrough technology of switching power supply.

The advantages of MRL-V

- Direct display of resistance and test current
- True 4 terminal measurement: High accuracy. No lead compensation required
- Variable test current available

Safety Features

- Fuse protection for line short circuit
- Over and under voltage

ORDERING INFORMATION

MRL-V

Specification subject to change due to constant up gradation

Description: UDEY MRL-V is a new generation, fully adjustable, 4 terminal line loop contact resistance tester. The entire test is done quickly. Test current can be adjusted.

Resistance and test current are both displayed on LCD meters.

True portability is achieved by the lightweight (only 10 kg), single unit design housing the MRL-V. The MRL-V is encased in an aluminum alloy cabinet.

Principle: DC test Current is passed in the contact and voltage drop across the contacts is sensed, processed and the resistance is displayed on meter. MRL-V uses advanced electronic circuits of modern switching power supplies.

MRL-V incorporates two LCD meters for display of results.

MRL-V incorporates breakthrough technology and design that gives accurate and reliable results, again and again. A true four terminal measurement is used to eliminate the need for lead resistance compensation.

Features

- Front panel with legend
- Weight: 10 kg

Accessories Bag



Applications:

- Measure rotating machine contact resistance
- Measure breaker element resistance
- Measure resistance of bus bar joints
- Locate poor connections

Specifications:

- Power supply: 220V \pm 10%, AC 50 Hz. (120V \pm 10% against order)
- Measuring range: 0-20,000 $\mu\Omega$
- Resolution: 0.1 $\mu\Omega$
- Test current: 10-100A DC
- Measurement accuracy: 1.5 class
- Display: LCD meters for Resistance and test current
- Usage environment: <40° C. < 85% R.H.

Accessories:

- Bag
- Mains cord.
- Flexible testing cable set with alligator clamps, 5 meter long.
- Operating Manual.
- Calibration certificate.
- Dimensions: MRL-V: 43(L) x 28(W) x 22(H) cm
- Accessories Bag 27(L) x 13(W) x 17(H) cm
- Weight: MRL-V: 6.5 kg.
- Accessories Bag: 3.5 kg.



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