

Megger DLRO2X Low Resistance Ohmmeter

Product Images

Product Code: C00-0117





Short Description

The DLRO2 series are tough, hand-held 2 A low resistance ohmmeters. They are designed to provide fast, accurate, repeatable measurements, even in electrically noisy locations.

The DLRO2X features noise rejection mode, as well as the ability to store data results via a usb and is the latest in a long line of instruments to proudly display the Ducter™ brand, the Ducter™ testers being as well-known and relied upon as Megger insulation resistance testers

Features

- Noise Rejection mode with Confidence Meter
- Manual and auto save results for export to USB
- 'Difference Meter' for quick data comparisons
- Use very long test leads at 1 A using dedicated test mode
- Safely test the resistance of inductive loads at 1 A
- <600 V active protection against inadvertent live connections without blowing a fuse
- Ideal for outdoor use with protection against dust and moisture to IP54
- Industry standard safety rated at CAT III 600 V/CAT IV 300

For the utility or industrial user, a high level of safety is provided with a CAT III 600 V/CAT IV 300 V rating

IEC61010. In addition, the instrument can protect itself from inadvertent connections to up to 600 V without blowing a fuse, thereby avoiding essential time lost due to repairs or finding a replacement fuse.

When working outside, the IP54 rating ensures that neither rain nor dust will prevent testing.

The DLRO2 measures low resistance values across a wide range of applications, from railways and aircraft, to the resistance of industry components.

Applications requiring long test leads are not a problem for the DLRO2 as it has a dedicated long lead test to optimise the output. The long test lead function is able to provide up to 1 A of test current into 3.2 ohms resistance. This makes the DLRO2, with its optional cable reel test leads, ideal for testing wind turbine and avionic lightning protection applications.

To allow testing of smaller inductive loads, the DLRO2 can apply 1 A for at least 15 seconds, made possible by the high-capacity built-in rechargeable batteries, together with a separate inductive load function. The batteries can be fully recharged in 2.5 hours, minimising downtime.

Note: The DLRO2 is not ATEX/intrinsically safe rated and must not be used in explosive gas environments

Please see datasheet for further details

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