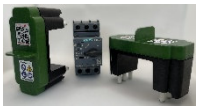
GB

Quick Operating Instructions
Product Information Sheet

Load Break Switch Measuring Bridge (LastLink Measuring Bridge)

Measuring and testing accessory for loop impedance measurement and fault troubleshooting in electrical installations with load break switches.



(e.g. Siemens 3RV2021-0KA10)

The LastLink Measuring Bridge enables compliant and reliable loop impedance measurements in installations with load break switches, motor protection circuit breakers, and other non-linear equipment. Modern switching devices such as motor protection circuit breakers, contactors, or electronic loads can influence the test current and may therefore cause incorrect measurements, aborted tests, or even unintended tripping.

By safely bridging all active conductors, the LastLink Measuring Bridge creates a defined low-resistance measuring path and eliminates interfering equipment from the measurement circuit.

This enables reproducible measurement results in accordance with applicable standards while simultaneously protecting connected electronic devices.

The LastLink Measuring Bridge provides safe, practical, and reliable loop impedance measurements — especially in industrial installations with complex switching equipment.

GmbH & Co. KG
Geschäftsführer: Thomas Mitzel, Klaus Kunzmann
Kißlichstraße 16
75056 Sulzfeld
Tel.: 07269 9199027
Amtsgericht: Mannheim HRA 710344
USt-Ident-Nr. DE 347651322
Steuernummer: 30041/26039
Finanzamt Bruchsal
Mail: die-rcd-bruecke@web.de oder info@die-rcd-bruecke.de
https://die-rcd-bruecke.de

www.die-rcd-bruecke.de

A Current operating instructions available under downloads:

www.inomess.com

and sales partner

Warnings

To ensure a high level of safety for both the user and the device during intended use of the test accessory, the following general warnings must be observed:

- Read the operating instructions carefully; otherwise, the use of the device may become dangerous for the operator, the device itself, or the equipment under test.
- If the measuring accessory is used in a manner not specified in this manual, the protection provided by the device may be impaired.
- Before and after using the LastLink measuring bridge, inspect the device for any damage, including the integrated fuses. This can be verified by performing a resistance measurement at the corresponding magnetic contacts. Do not use the device if any damage is detected. If necessary, please follow the instructions in **Chapter 9: Replacing the Fuses.**
- Observe the applicable accident prevention regulations (UVV) to avoid the risk of electric shock when working with hazardous voltages.
- During the respective test procedure (e.g. loop impedance measurement), ensure that only the circuit under test is energized. Otherwise, in the event of an overload, the protective device (high-performance fuse type: T6.3A H 500 V (6.3 × 32 mm)) may trip or the measurement result may be affected.
- Follow the instructions before attaching and removing the LastLink measuring bridge as described in **Chapter 7: Intended Operating Procedure.**