

Multi-Differential Relay, MDR-2

Protect your generator against internal short circuits



The MDR-2 is a state-of-the-art combined differential protection and short-circuit protection relay for generator protection against internal short circuits (leaking currents).

Even in cases of fail tripping, the MDR-2 offers an adjustable tripping characteristic function that compensates for unbalanced current measurements, avoiding fail trippings altogether.

The MDR-2 gives you direct access to all settings and a chronological log of up to 150 historical events/alarms. The unit's integrated LCD screen displays all measured and calculated values, eliminating the need for additional meters or wiring, and facilitates fault-finding in connection with commissioning identifying fault locations.

Available options include a block (generator + step-up transformer) protection option and a short-circuit and over-current protection option.

MDR-2 features

- ▶ Short response time (70 ms)
- ▶ 3-phase current detection on both generator sides
- ▶ Active adjustment of non-balanced current measurements
- ▶ Measuring accuracy 1 %
- ▶ Display indicator for all measurements
- ▶ DIN rail or base mounting with remote mountable display

MDR-2 type approvals



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