

# Loss of Mains Relay, LMR-111D

Protect your generator against damages due to loss of mains failure



The Loss of Mains Relay Uni-line LMR-111D is for protection of the generator against damage resulting from a non-synchronised reconnection to the grid after a temporary mains failure.

A mains failure will be detected, provided a disconnection at an arbitrary point of the network results in a swift change of the generator frequency (vector shift). An opening signal is then transmitted to the mains circuit breaker, and the generator will thus be protected against damages caused by an automatic reconnection to the high-voltage network.

The Loss of Mains Relay Uni-line LMR-111D forms part of a complete DEIF series of relays for protection and control generators

## LMR-111D features

- ▶ Detection of vector shift
- ▶ ANSI code 78
- ▶ Mains disconnection on mains failure
- ▶ Ensures no asynchronous reconnection
- ▶ LED indication of fault condition
- ▶ LED indication for activated relay
- ▶ 35 mm DIN rail or base mounting

## LMR-111D type approvals



[www.deif.com](http://www.deif.com)