

Loss of mains relay

Protect your generator against damages due to loss of mains failure



DEIF's loss of mains relays protect generators 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.

LMR 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

Variants

Features

LMR-111D	Vector shift
LMR-122D	Vector shift and df/dt (ROCOF)

Variant overview



LMR-111D



LMR-122D



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