

Insulation monitor, AC/DC-networks

Insulation monitoring of your AC networks with self-test mode



DEIF's SIM insulation monitors supervise the insulation resistance between an insulated voltage distribution network and an earth/safety cable. The advanced measuring sequence performs an automatic offset adjustment to eliminate possible effects of uneven stray capacitance and DC voltages.

General features

- ▶ Insulation monitoring of AC networks of up to 690 V AC
- ▶ Ideal for applications with frequency converters
- ▶ Fault-finding and self-test mode
- ▶ The leakage capacitance is up to 500 μF

Variants	Frequencies	Capacitances
SIM-2	20 to 500 Hz	500 to 2,000 μF
SIM-2 LF	5 to 500 Hz	2,000 μF
SIM-Q	20 to 500 Hz	50/500 μF
SIM-Q LF	5 to 500 Hz	500 μF

Variant overview



SIM-Q



SIM-Q LF



SIM-2



SIM-2 LF



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