

Features

- Tamper-proof design for setting protection
- Type tested for EMC compliance in acc. with IEC 61000
- High immunity to electrical interference (tested to 2.5 GHz)
- Type tested in acc. with IEC 60255

Technical Data

Power supply

AC240V

Operating frequency

50/60 Hz

Rated Current

5A (1A available upon request)

Current Setting

AC 0.1 - 2A

Delay Time Setting

0 - 1 sec

(* 0 to 10 sec available upon request)

Operation life expectancy

Electrical > 10,000 operations

Mechanical > 5 x 10⁶ operations

Power Consumption

≤ 2VA

Degree of protection

IP51 (Front)/ IP20 (Rear)

Indication

Red LED (relay tripped)

Green LED (aux. power)

Reset current value

≤ 90% of the operating value

Operating and storage temperature range

Operating -10° to 55° C

Relative humidity

95% at +40°C

Output contact

AC250V 2A

Housing material

ABS resin complying with UL94V0

Unit Weight

Approximately 300g

REF 18e

DTL Earth Fault Relay

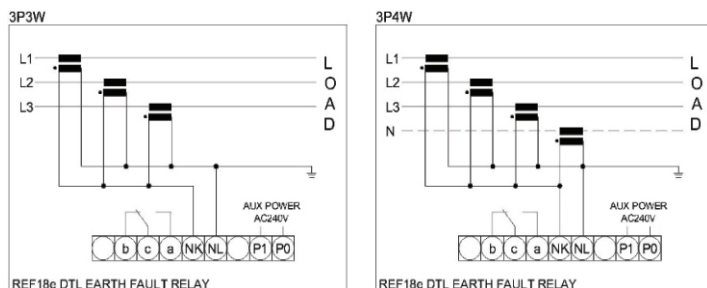
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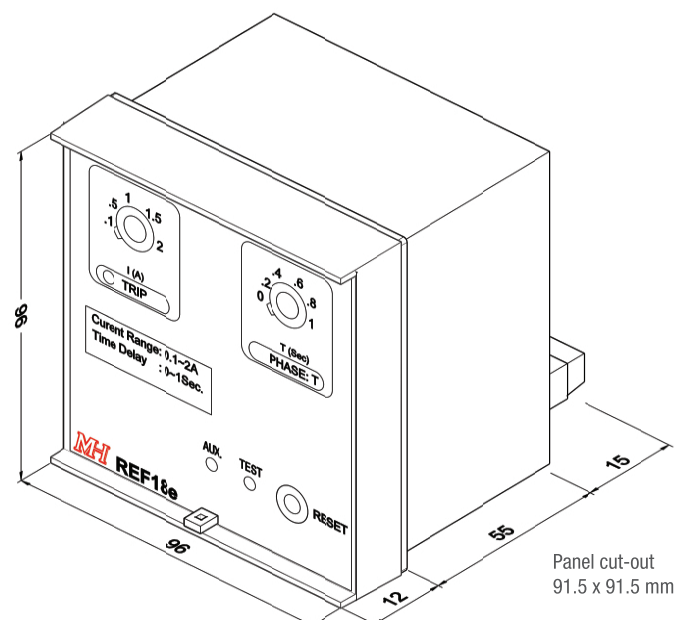
Compliance with standards

IEC 60255-27	General rules for residual-current protection devices
IEC 61000-4-2,3,4,5,6,8,11 (IEC 60255-26)	Electromagnetic Compatibility
IEC 60255-21-1	Vibration, Shock and Bump Test
IEC 60255-21-2	Vibration, Shock and Bump Test
IEC 60068-2-2, 78, 30 (IEC 60255-1)	Dry eat, Damp eat, Steady State, Cyclic Temperature with humidity Test

Connection Diagram



Dimension



Ordering Information

Model:	Description
REF 18e	DTL Earth Fault Relay
	96 Panel type