



Product designation

Product type designation

General characteristics

Earth leakage
relays
RM

Description

Modular with
transparent
cover, 1
operating
threshold

N° of operating threshold

1

Control circuit

Toroidal transformer

External

Adjustments

Tripping set-point ($I_{\Delta n}$)

(x0.1)	A	0.025...0.25
(x1)	A	0.25...2.5
(x10)	A	2.5...25
(external multiplier)	A	25...250

Tripping delay time

(tx1)	s	0.02...0.5
(tx10)	s	0.2...5

Selection of multiplier for $I_{\Delta n}$ and t

By dip switches

Resetting

Configurable
automatic or
manual by button
on front

Test Button

Yes

Shunt circuit control

No

Auxiliary supply

Auxiliary rated supply voltage U_s

24-48VAC/DC

Output contacts

1

Rated frequency

Hz 50...60

Power consumption Max

VA 3

Relay outputs

Relay state

Normally de-
energised

Contact arrangement

1 changeover
SPDT (trip)

Rated contact capacity IEC I_{th}

5A - 250VAC

Insulations

Power frequency withstand voltage

kV 2.5kV for 60s

Indications

Auxiliary voltage available (ON)

Green LED

Relay tripping (TRIP)

Red LED

Connections

Terminals type

Fixed

Tightening torque for terminals

max	Nm	0.5
max	lbin	4.5

Conductor section

AWG/Kcmil

min		24
max		12

IEC

min	mm ²	0.2
max	mm ²	2.5

Operations

Mechanical life cycles 50000000

Electrical life cycles 300000

Ambient conditions

Temperature

Operating temperature

min	°C	-10
max	°C	+60

Storage temperature

min	°C	-20
max	°C	+80

Relative humidity

% ≤90%

Housing

Material Self-extinguishing polycarbonate

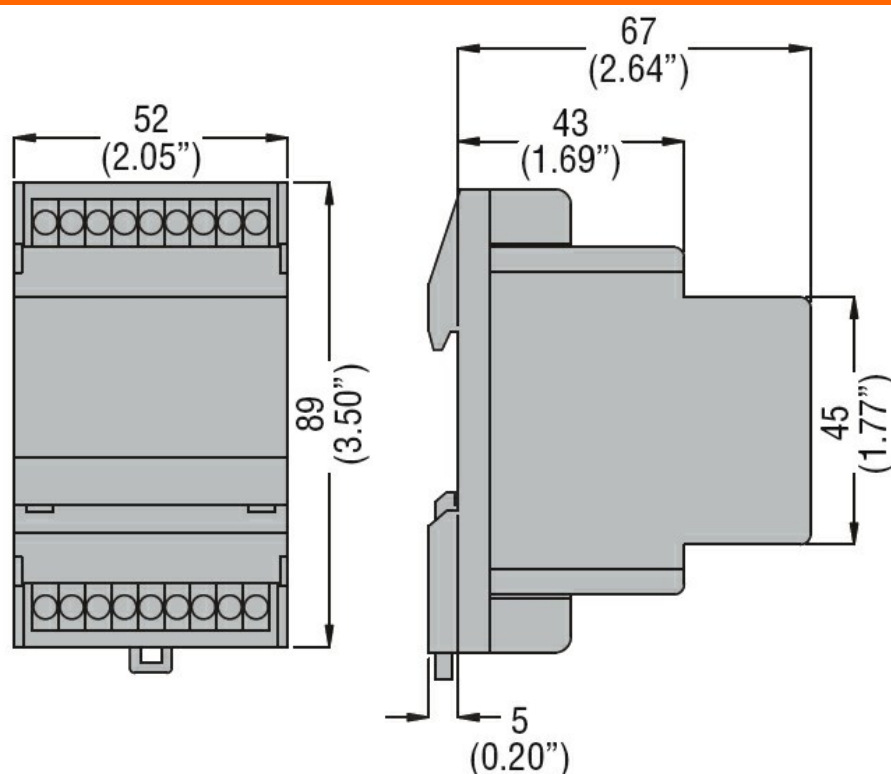
Mounting 35mm DIN rail

Degree of protection IP20 terminals

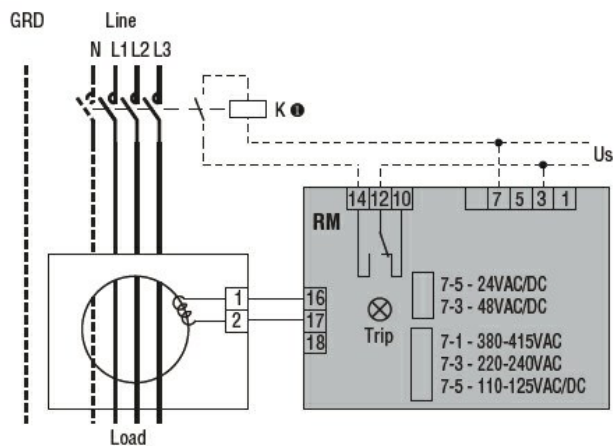
Dimensions (W x H x D) mm 52x89x72

Weight g 190

Dimensions



Wiring diagrams



Certifications and compliance

Compliant with standards

IEC/EN 60947-2

Certificates

EAC

ETIM classification

ETIM 8.0

EC001445 -
Residual current
monitoring relay