



Product designation				Earth leakage relays
Product type designation				RM
General characteristics				
Description				Modular with transparent cover, 1 operating threshold
N° of operating threshold				1
Control circuit				
Toroidal transformer				External
Adjustments				
Tripping set-point (IΔn)				
(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 IΔn 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 Us				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 Ith				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

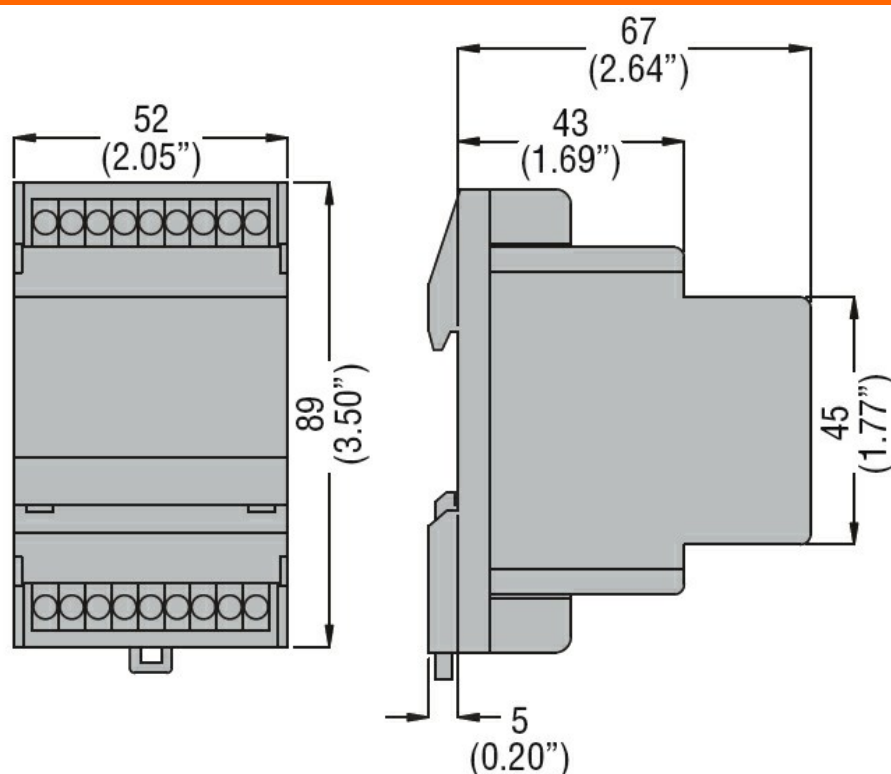
Mounting 35mm DIN rail

Degree of protection IP20 terminals

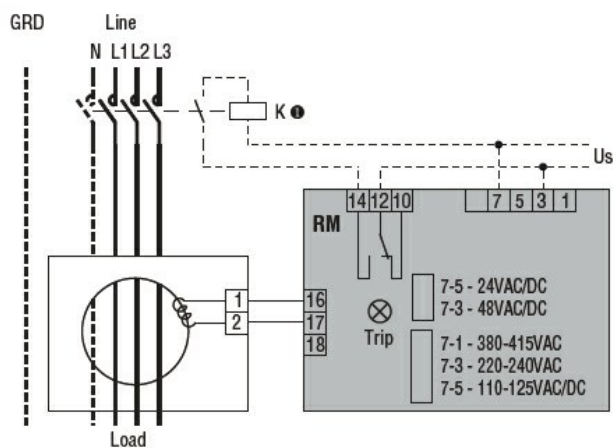
Dimensions (W x H x D) mm 52x89x72

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