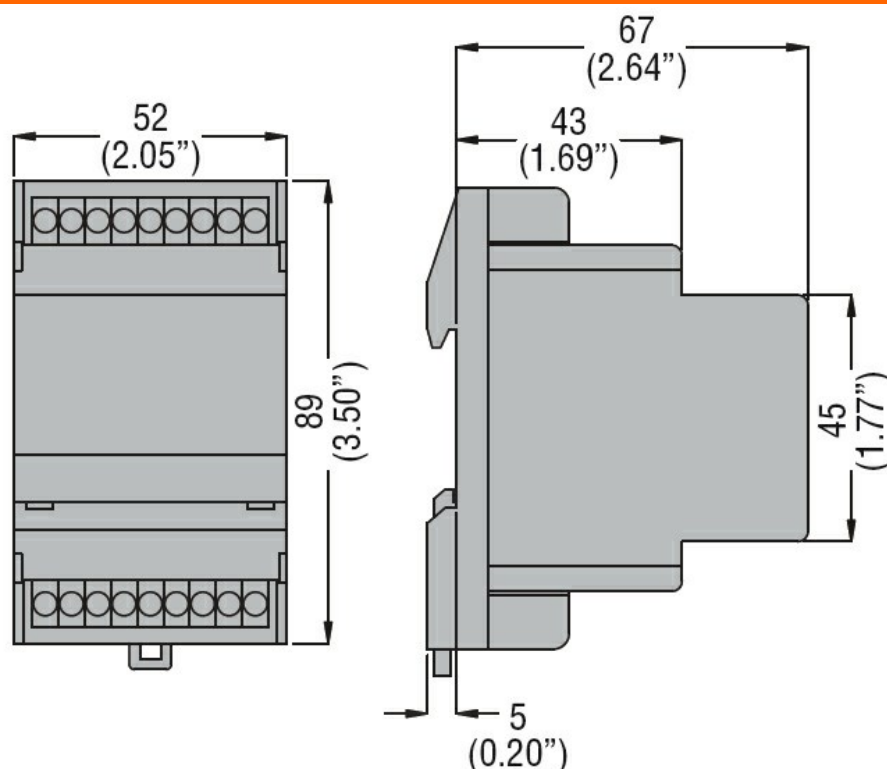




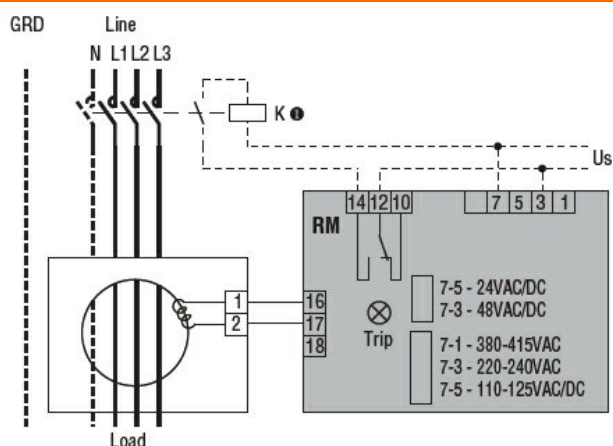
Product designation				Earth leakage relays
Product type designation				RM1
General characteristics				
Description				Modular with transparent cover, 1 operating threshold
N° of operating threshold				1
Control circuit				
Toroidal transformer				External
Adjustments				
		Tripping set-point (IΔn)		0.3 or 0.5
		(x1) A		
		Tripping delay time		
		(tx1)	s	0.02 or 0.5
Resetting				Configurable automatic or manual by button on front
Test Button				Yes
Shunt circuit control				No
Auxiliary supply				
Auxiliary rated supply voltage Us				110...125VAC/DC;220...240/380...415VAC
Operational limits				110...125VAC/DC or 220...240VAC or 380...415VAC
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		175

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