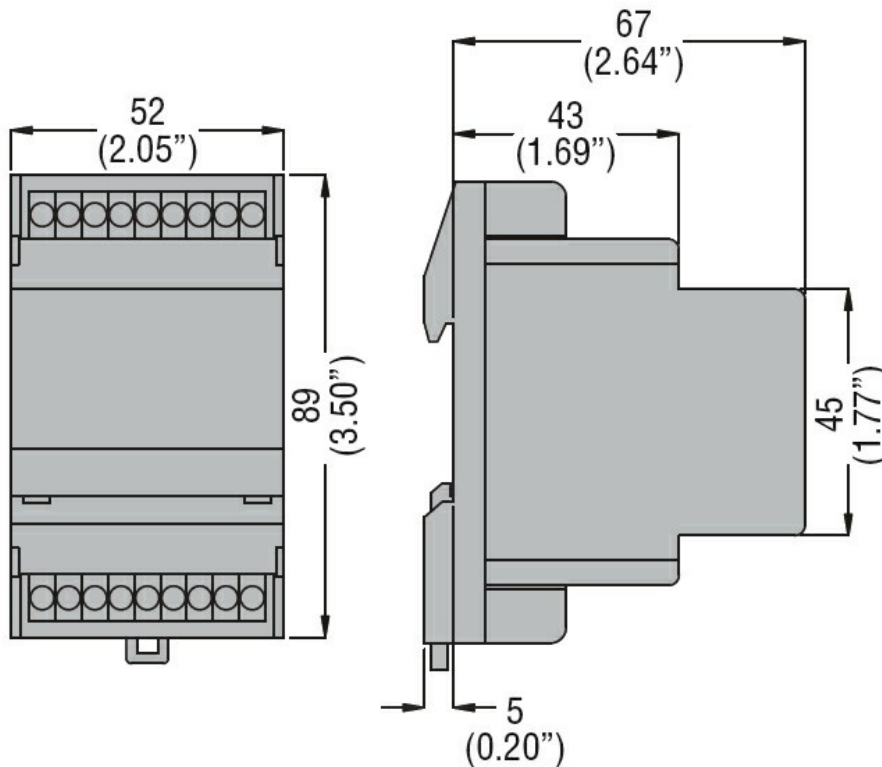


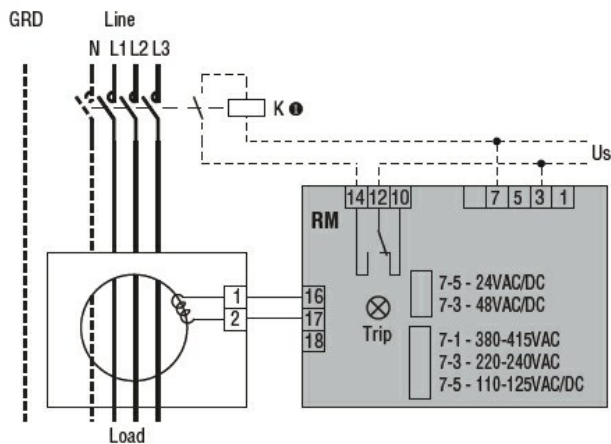


Product designation				Earth leakage relays	
Product type designation				RM	
General characteristics					
Description				Modular with transparent cover, 1 operating threshold	
N° of operating threshold				1	
Control circuit					
Toroidal transformer				External	
Adjustments					
Tripping set-point (IΔn)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