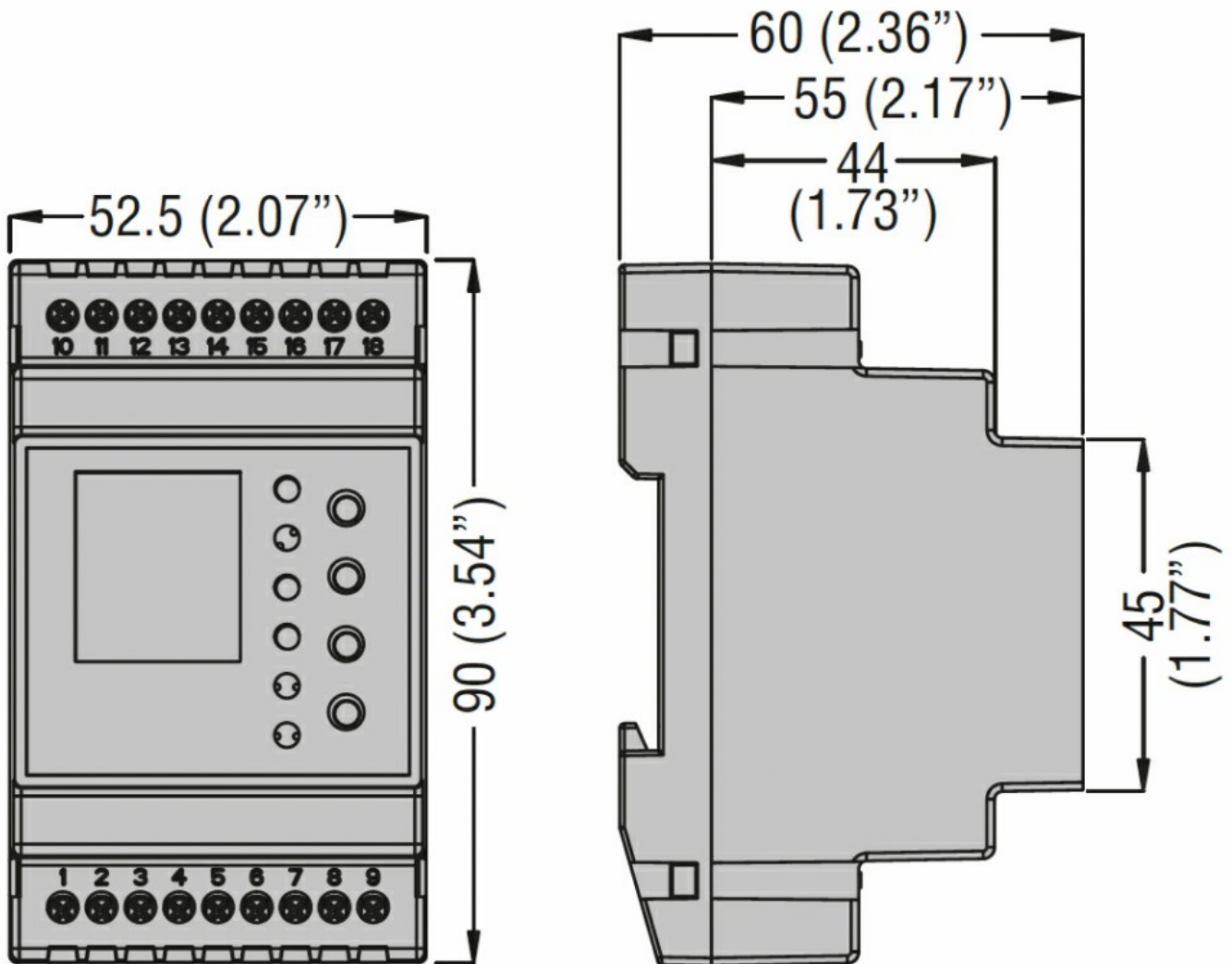


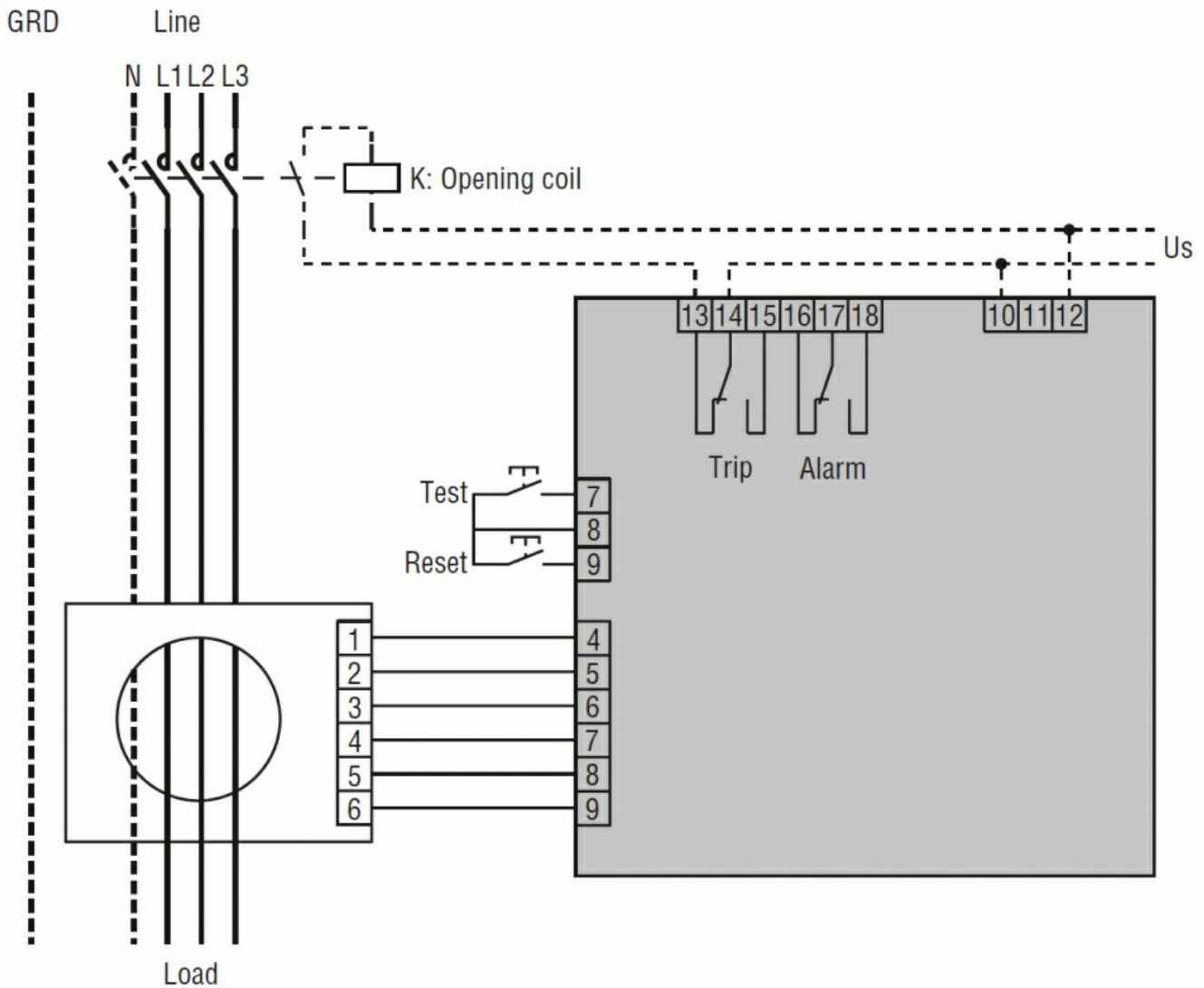


Product designation				Earth leakage relays
Product type designation				RM2
General characteristics				
Description				Modular with transparent cover, 2 operating threshold
Residual operation characteristic				Type B
N° of operating threshold				2
Control circuit				
Toroidal transformer				External
Adjustments	Tripping set-point ($I\Delta n$)	(x1)	A	0.03...30
	Tripping delay time	(tx1)	s	0.2...10
Resetting				Configurable automatic or manual by button on front or digital input
Test Button				Yes
Shunt circuit control				No
Auxiliary supply				
Auxiliary rated supply voltage Us				90...250VAC or 120...350VDC
Operational limits				90...250VAC or 120...350VDC
Output contacts				2
Rated frequency			Hz	50...60
Power consumption Max			VA	4
Relay outputs				
Relay state				Normally de-energised
Contact arrangement				2 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 and green backlight
Relay tripping (TRIP)				Red LED and red backlight

Trip prealarm (ALARM)		Yellow LED and yellow backlight	
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	10000000
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	52.5x90x60
Weight		g	200
Dimensions			



Wiring diagrams



Certifications and compliance

Compliant with standards

EN 60947-2:2017-10 (Annex M)

EN 61

EN 61326-1:2013-01

EN 61326-2-1:2013-01

EN 61326-2-2:2013-01

EN 61326-2-3:2013-01

EN 61326-2-4:2013-01

EN 61326-2-5:2013-01

EN 61543/A11

EN 61543/A2:2006-02

ETIM classification

ETIM 8.0

EC001445 -
Residual current
monitoring relay