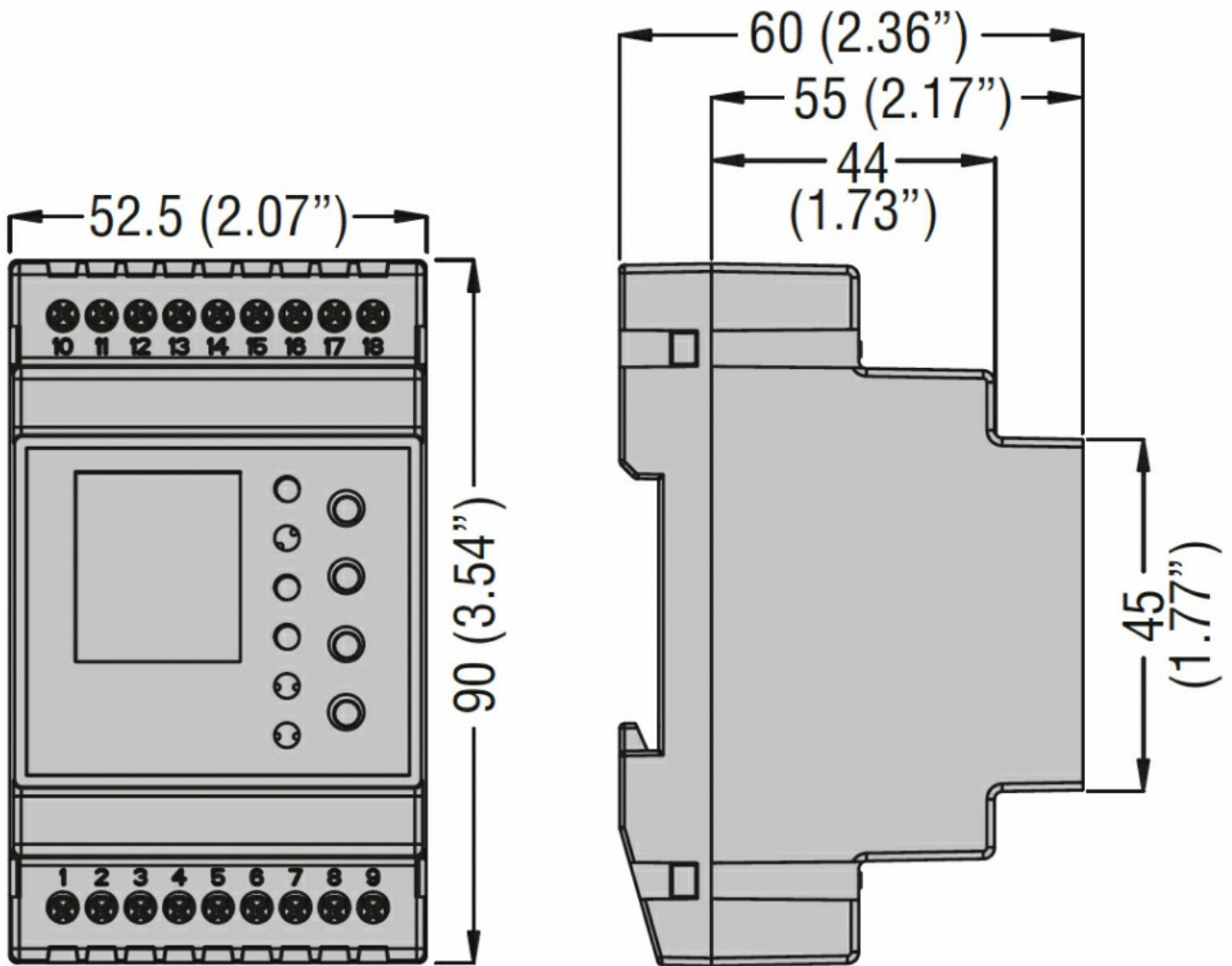


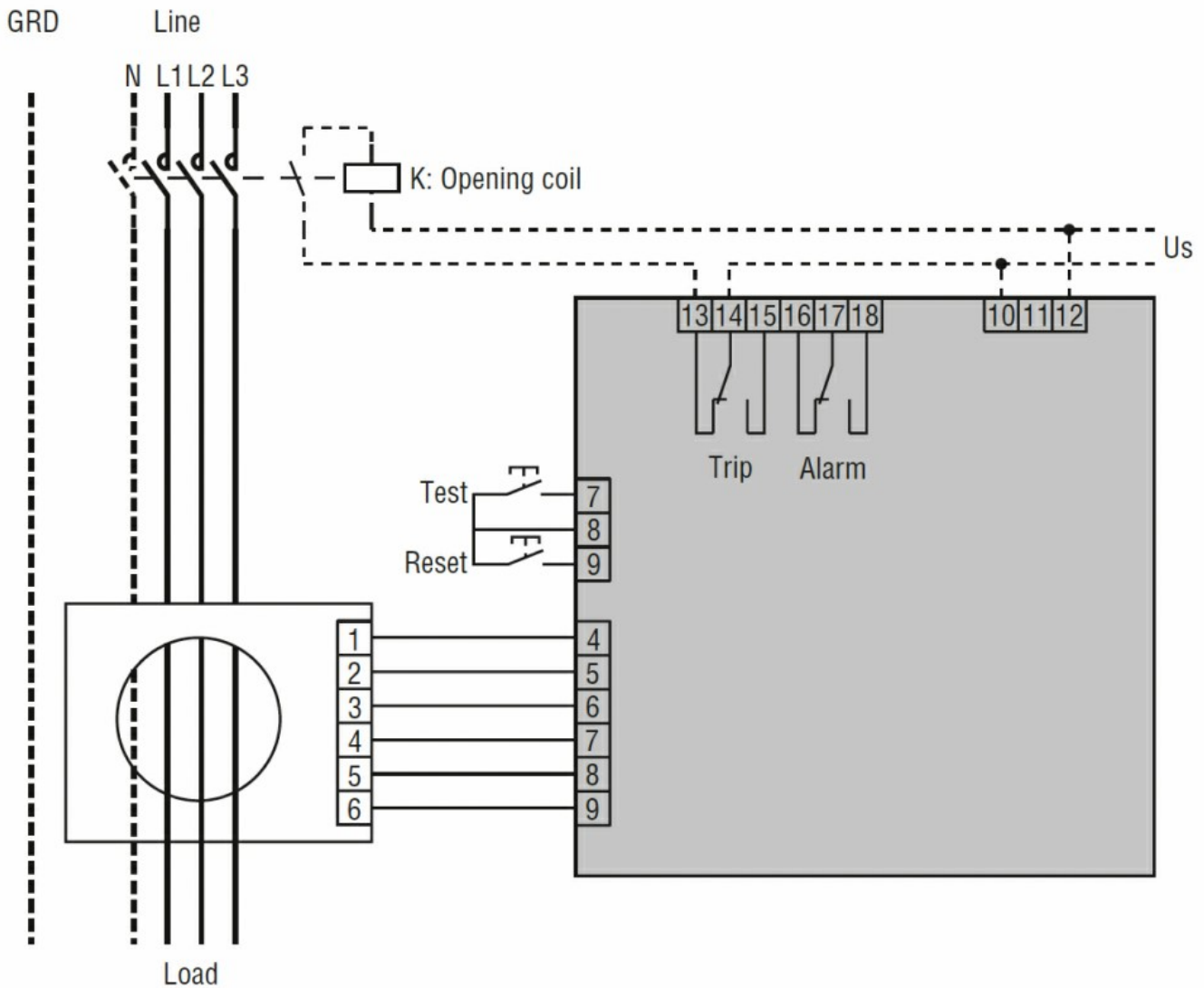


Product designation				Earth leakage relays
Product type designation				RM2
<b>General characteristics</b>				
Description				Modular with transparent cover, 2 operating threshold
Residual operation characteristic				Type B
N° of operating threshold				2
<b>Control circuit</b>				
Toroidal transformer				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
<b>Auxiliary supply</b>				
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
<b>Relay outputs</b>				
Relay state				Normally de-energised
Contact arrangement				2 changeover SPDT (trip)
Rated contact capacity IEC Ith				5A - 250VAC
<b>Insulations</b>				
Power frequency withstand voltage			kV	2.5kV for 60s
<b>Indications</b>				
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	
<b>Connections</b>			
Terminals type		Fixed	
Tightening torque for terminals		max	Nm 0.5
		max	lbin 4.5
<b>Conductor section</b>			
AWG/Kcmil		min	24
		max	12
IEC		min	mm <sup>2</sup> 0.2
		max	mm <sup>2</sup> 2.5
<b>Operations</b>			
Mechanical life		cycles	10000000
Electrical life		cycles	300000
<b>Ambient conditions</b>			
Temperature			
Operating temperature		min	°C -10
		max	°C +60
Storage temperature		min	°C -20
		max	°C +80
Relative humidity		%	≤90%
<b>Housing</b>			
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
<b>Dimensions</b>			



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