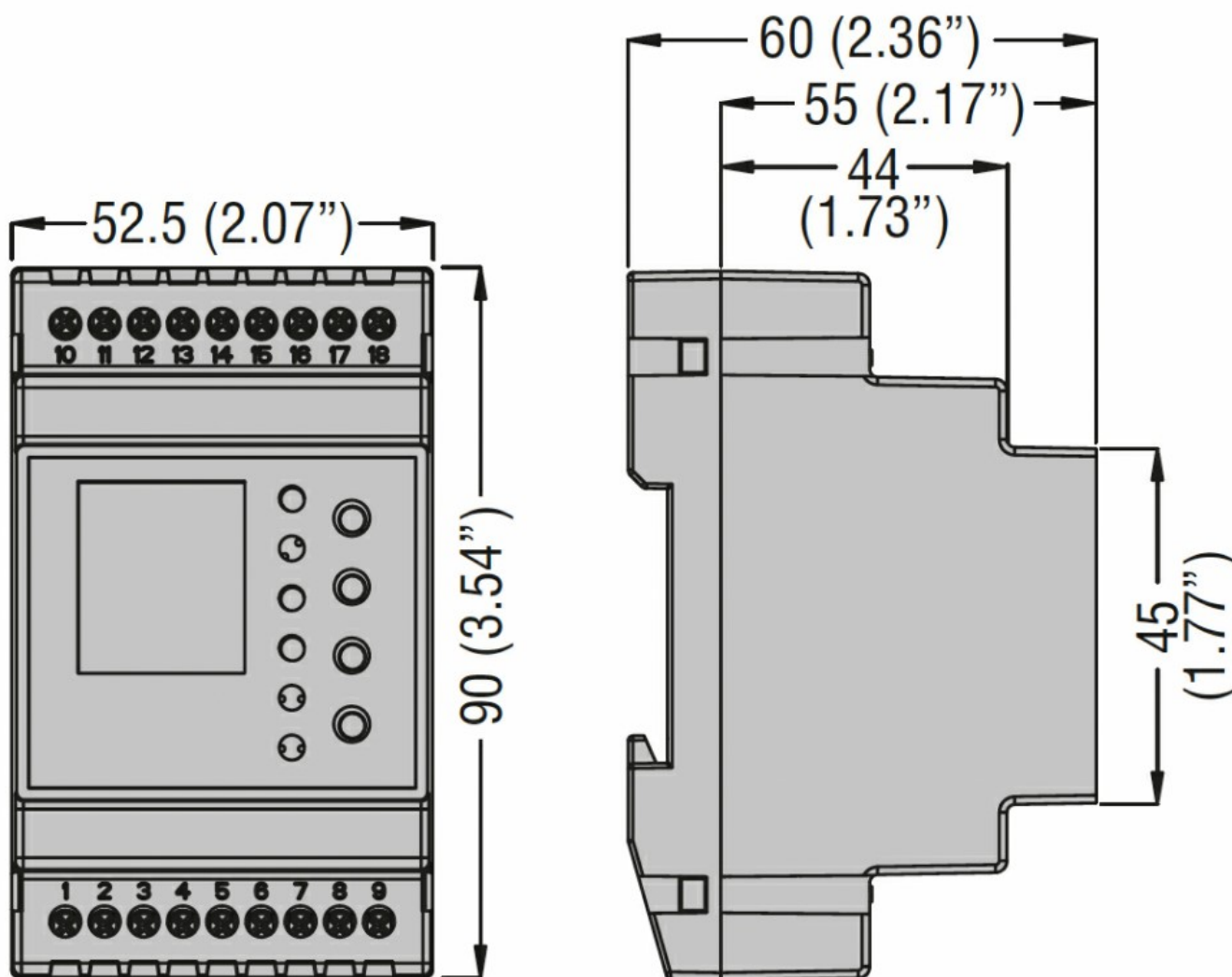




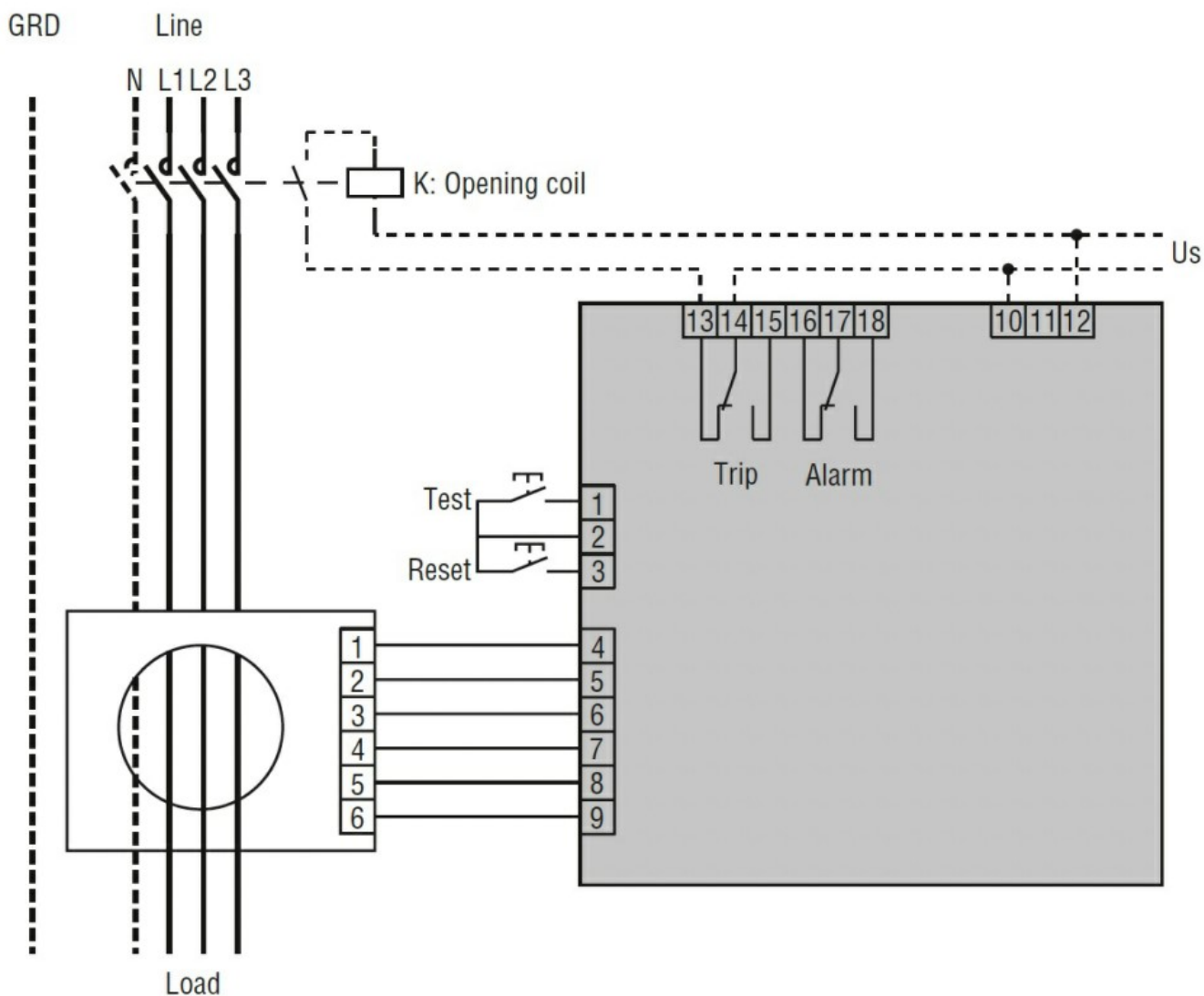
General characteristics

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	0.02...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 U_s				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 I_{th}				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	mm²	0.2
			max	mm²	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