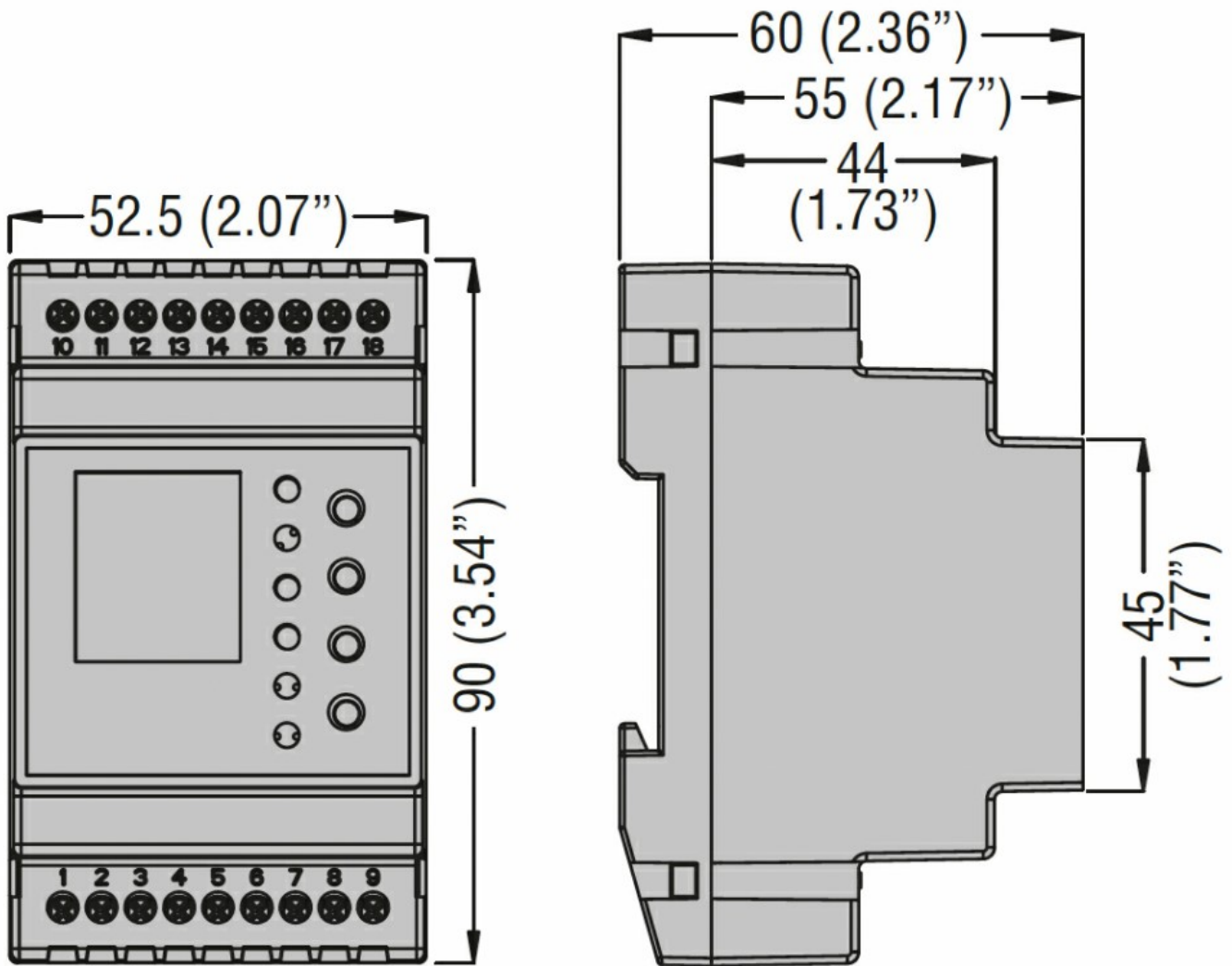




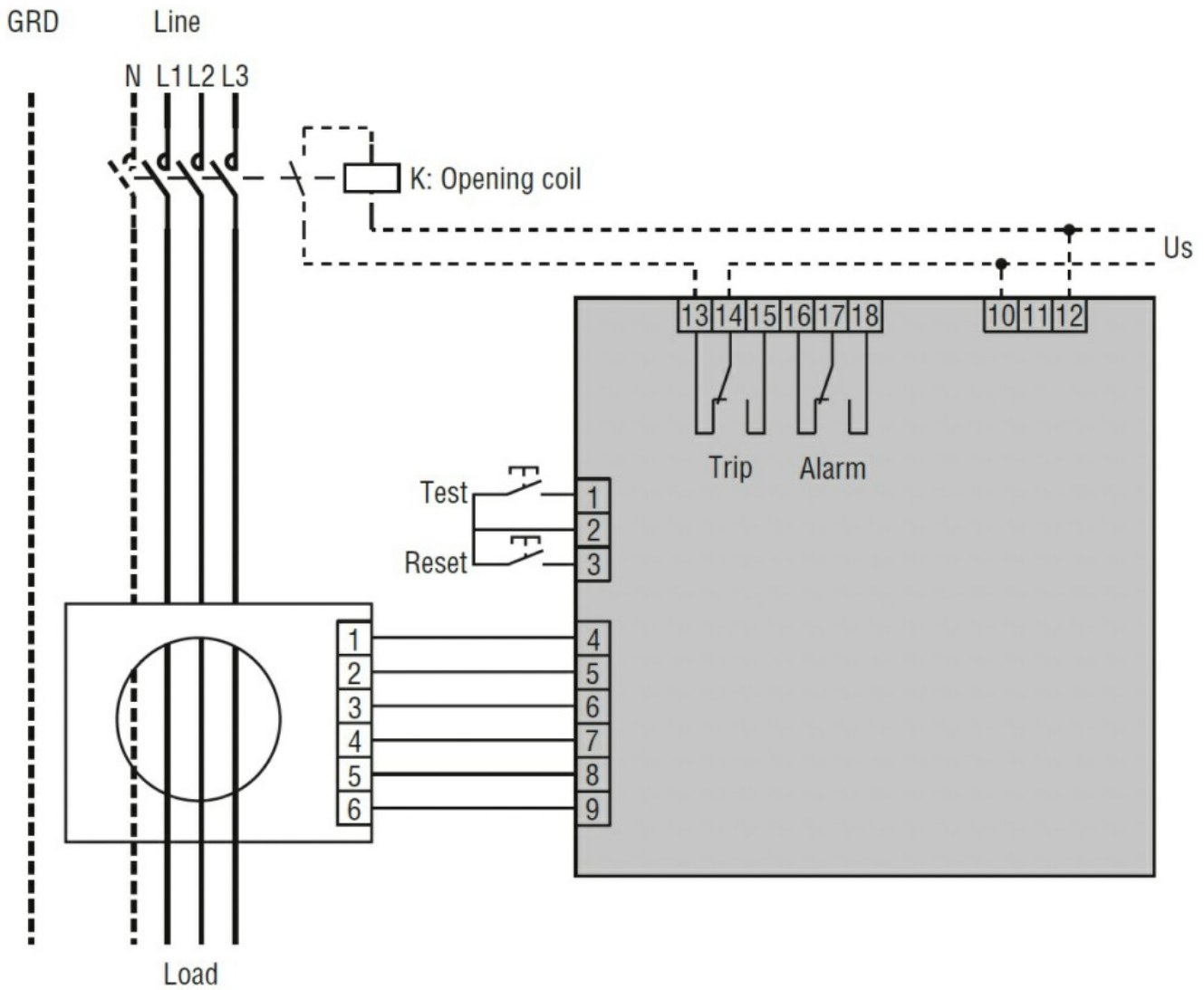
General characteristics

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	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