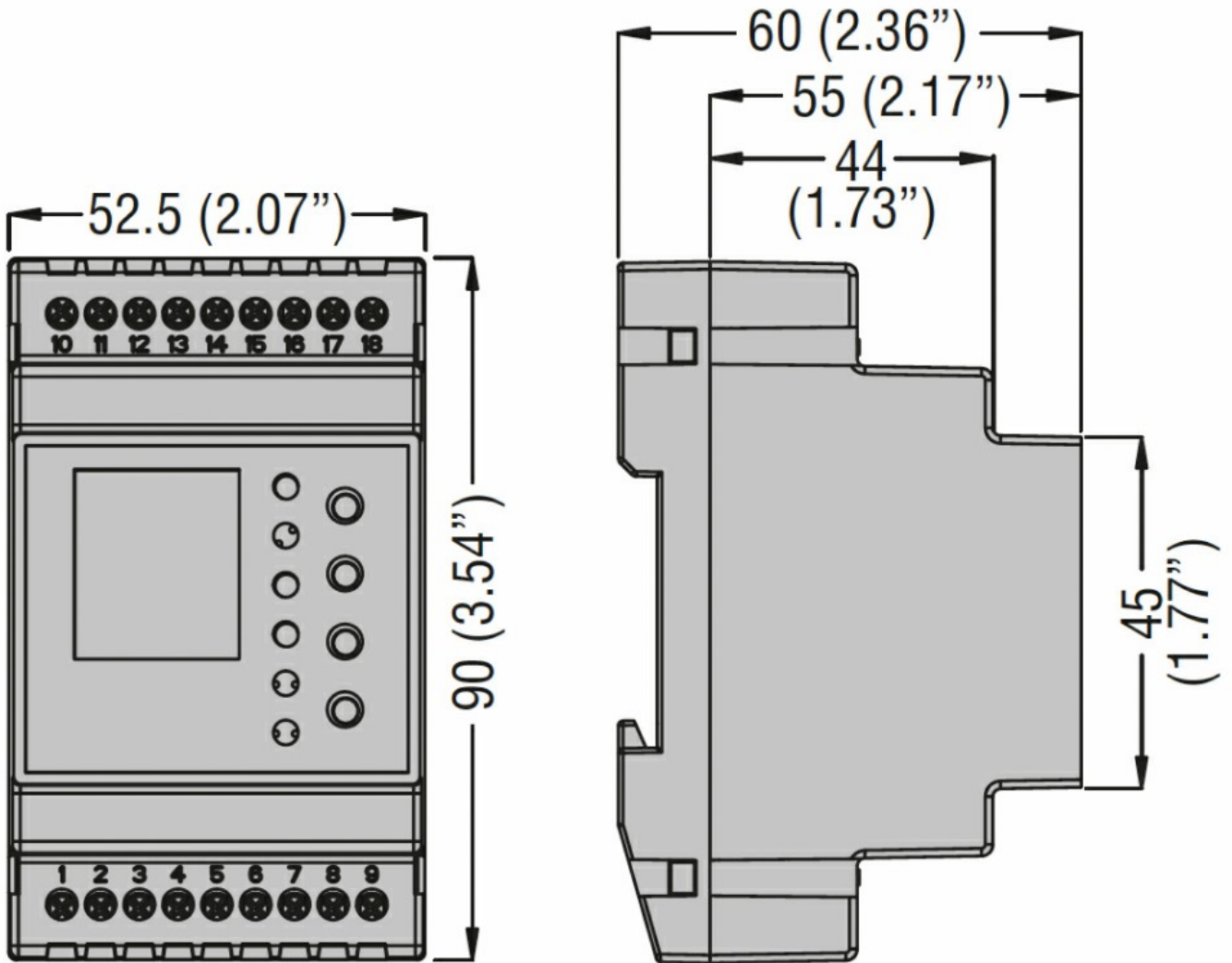




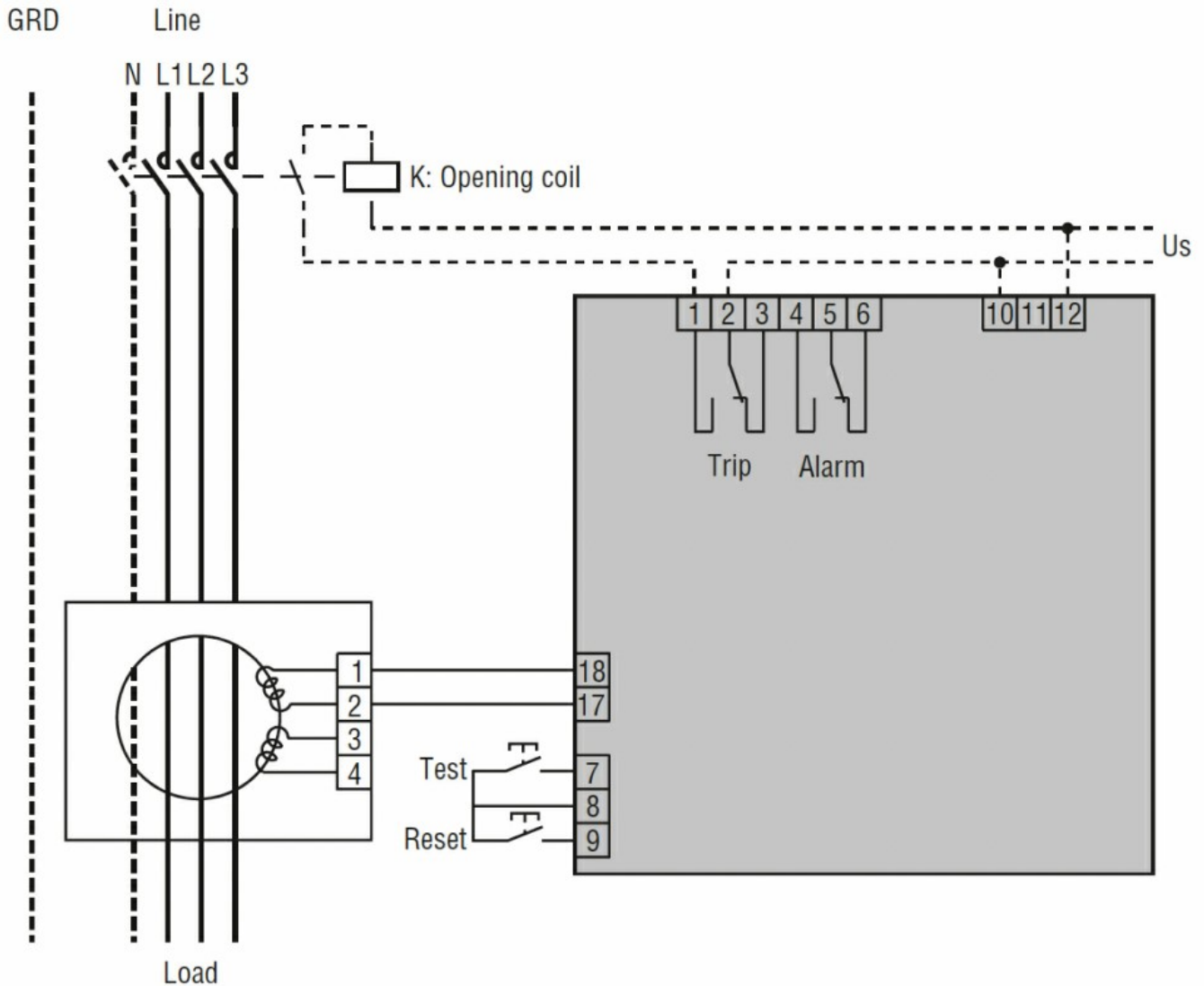
### General characteristics

Description				Modular with transparent cover, 2 operating threshold
Residual operation characteristic				Type A
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 $U_s$				90...250VAC or 120...350VDC
Operational limits				90...250VAC or 120...350VDC
Output contacts				2
Rated frequency			Hz	50...60
Power consumption Max			VA	6
<b>Relay outputs</b>				
Relay state				Normally de-energised
Contact arrangement				2 changeover SPDT (trip)
Rated contact capacity IEC $I_{th}$				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
Conductor section				
	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