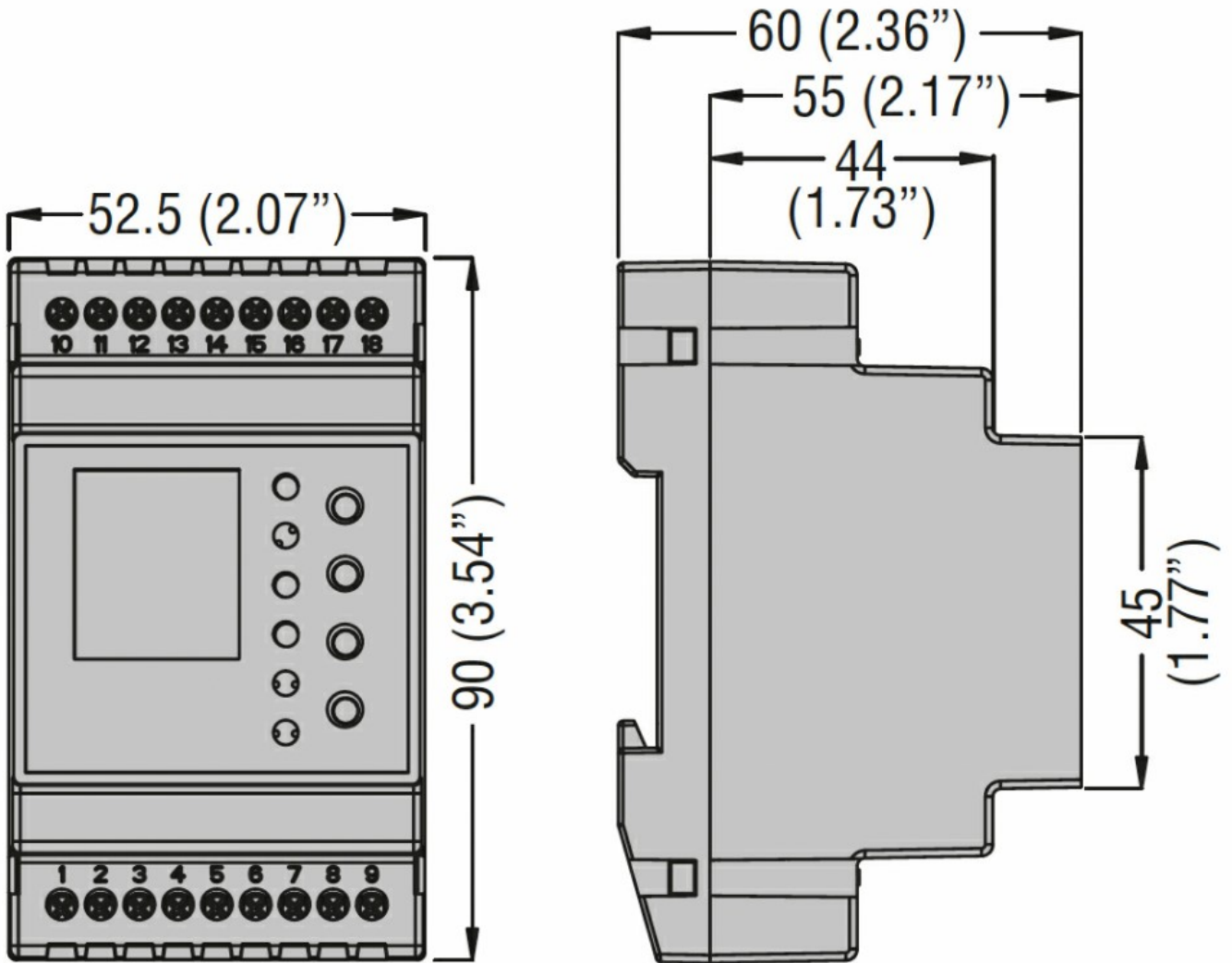


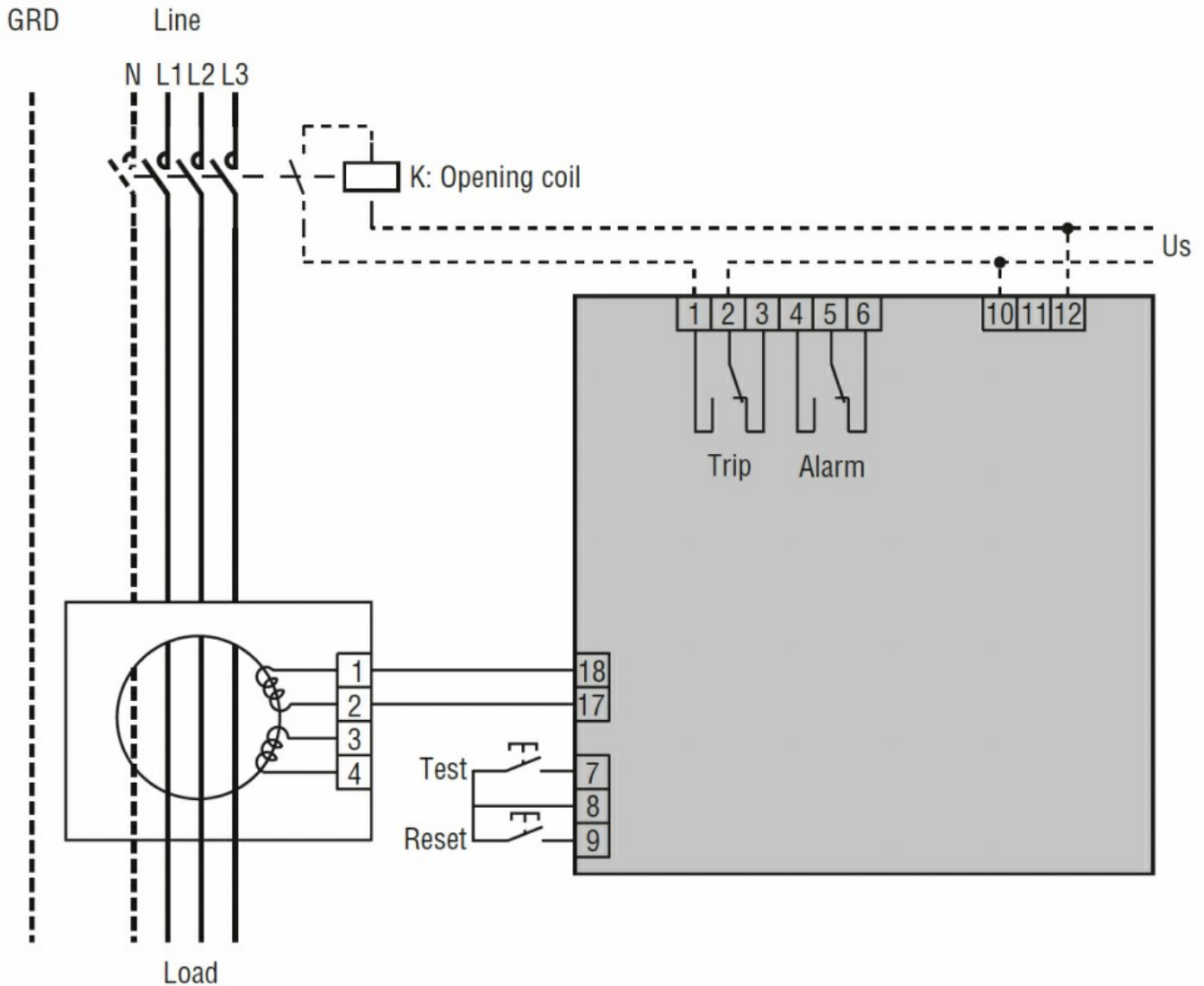


| | | | | |
|-----------------------------------|------------------------------------|-------|----|--|
| Product designation | | | | Earth leakage relays |
| Product type designation | | | | RM2 |
| General characteristics | | | | |
| Description | | | | Modular with transparent cover, 2 operating threshold |
| Residual operation characteristic | | | | Type A |
| 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 | 6 |
| 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