



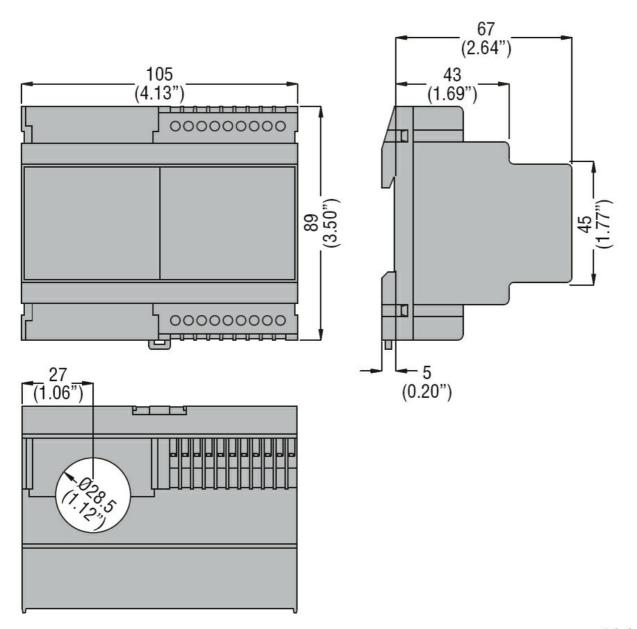


| Earth leakage relays Product type designation Earth leakage relays Control characteristics Modular with transparent cover, 1 cove | | | | | | |
|--|--|----------------------|--------|-----|-----------------|--------|
| Product type designation RMT | Product designation | | | | Earth leakage | |
| General characteristics Modular with transparent cover, 1 operating threshold N° of operating threshold 1 N° of operating threshold Toroidal transformer Incorporated diam.28mm/1.1" Adjustments Tripping set-point (IΔn) (x0.1) A 0.0250.25 (x1) A 0.252.5 (x10) A 0.252.5 (x10) A 0.252.5 Tripping delay time ((x11) S 0.020.5 (x10) By dip switches Selection of multiplier for IΔn and t By dip switches Selection of multiplier for IΔn and t By dip switches Configurable automatic or manual by button on front Test Button Yes Shunt circuit control No Auxiliary rated supply voltage Us 110 Auxiliary rated supply voltage Us 110 Operational limits 110 Operational limits 110 Configurable normally denominated by A 3 Configurable normally denominated by A 3 <th colsp<="" td=""><td>Product designation</td><td></td><td></td><td></td><td>relays</td></th> | <td>Product designation</td> <td></td> <td></td> <td></td> <td>relays</td> | Product designation | | | | relays |
| Description Section | | | | | RMT | |
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| Control circut | N° of operating threshold | | | | | |
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| Adjustments | | | | | Incorporated | |
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| (x0.1) | Adjustments | | | | | |
| (x1) | Tripp | oing set-point (l∆n) | | | | |
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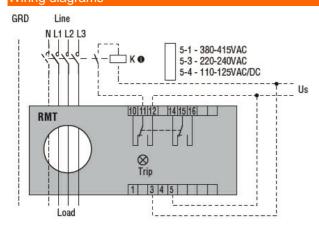




| Rated contact capacity IEC Ith Insulations \$A - 250VAC Insulations Power frequency withstand voltage kV 2.5kV for 60s Indications Red LED Auxiliary voltage available (ON) Red LED Connections Terminals type Red LED Tightening torque for terminals max Nm 0.5 Indications max Nm 0.5 Conductor section max Nm 0.5 MWG/Kcmil min 24 IEC min mm² 2.5 Operations min mm² 2.5 Mechanical life cycles 50000000 Electrical life cycles 50000000 Ambient conditions min °C -10 Temperature min °C -20 Max °C -20 max °C -20 max °C -20 max °C -20 Relative humidity min °C -20 | Contact arrangement | | | | 2 changeover SPDT each (both trip) |
|---|--------------------------|-----------------------|-----|---------|--|
| Power frequency withstand voltage | | IEC Ith | | | 5A - 250VAC |
| Auxiliary voltage available (ON) | | | | | |
| Auxiliary voltage available (ON) Red LED | | tand voltage | | kV | 2.5kV for 60s |
| Red LED Connections Fixed Tightening torque for terminals max Nm 0.5 Conductor section AWG/Kcmil min min 24 max nt 12 IEC min mm² 0.2 Mechanical life cycles 50000000 Electrical life cycles 50000000 Ambient conditions Temperature min °C -10 < | | L. (ON) | | | 0 |
| Connections Fixed Tightening torque for terminals max Nm 0.5 max lbin 0.5 max | | ole (ON) | | | |
| Fixed Fix | | | | | Red LED |
| Tightening torque for terminals max Nm 0.5 Conductor section AWG/Kcmil min 24 max 12 IEC min mm² 0.2 max mm² 2.5 Operations wax mm² 2.5 Mechanical life cycles 50000000 Electrical life cycles 300000 Ambient conditions min °C -10 Temperature min °C -10 Storage temperature min °C -20 Relative humidity % ≤90% Housing Self-extinguishing polycarbonate Material Self-extinguishing polycarbonate Mounting 35mm DIN rail Degree of protection mm 105x89x7z Weight g 375 | | | | | Fived |
| Max Nm 0.5 | | was in a la | | | Fixed |
| Name | rightening torque for te | erminais | | Nima | 0.5 |
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| AWG/Kcmil min max | Conductor costion | | max | IDIN | 4.5 |
| Min | Conductor Section | ANA/C/// are:1 | | | |
| TEC | | AVVG/KCMII | min | | 24 |
| IEC | | | | | |
| Operations min max mm² mm² mm² 2.5 0.2 mmx cycles mm² 2.5 50000000 Cycles mm² 300000 50000000 Cycles mm² 300000 50000000 Cycles mm² 300000 300000 Ambient conditions Temperature min °C -10 mm² °C -10 mm² °C +60 Temperature min °C -20 mm² °C +80 Temperature Max °C +80 Temperature Temperature Temperature Temperature Storage temperature min °C -20 mm² °C +80 Temperature Temperature Temperature Temperature Self-extinguishing polycarbonate Self-extinguishing polycarbonate Temperature < | | IEC | Шах | | 12 |
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| $\begin{tabular}{ c c c c } \hline Operating temperature & & & & & & & \\ \hline & min & ^{\circ}C & -10 \\ max & ^{\circ}C & +60 \\ \hline Storage temperature & & & & \\ \hline & min & ^{\circ}C & -20 \\ max & ^{\circ}C & +80 \\ \hline \hline Relative humidity & & & & & \\ \hline Relative humidity & & & & & \\ \hline & & & & & & \\ \hline Material & & & & & \\ \hline Material & & & & & \\ \hline Mounting & & & & & \\ \hline Mounting & & & & & \\ \hline Degree of protection & & & & & \\ \hline Dimensions (W x H x D) & & mm & 105x89x72 \\ \hline Weight & & & & & g & 375 \\ \hline \end{tabular}$ | | | | | |
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| 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 105x89x72 Weight g 375 | | operating temperature | min | °C | -10 |
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| $\begin{array}{c ccccc} & & & & & & & \text{min} & \text{ °C} & -20 \\ & & & & \text{ °C} & +80 \\ \hline & & & & & \text{ Self-extinguishing} \\ & & & & & & \\ & & & & & \\ \hline & & & & &$ | | Storage temperature | | | |
| Relative humidity "C" +80 Housing \$\frac{2}{3}\$ Self-extinguishing polycarbonate Material \$\frac{3}{3}\$ mm DIN rail Degree of protection \$\frac{1}{2}\$ P20 terminals Dimensions (W x H x D) mm \$\frac{1}{2}\$ \$\f | | 3 | min | °C | -20 |
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| Mounting 35mm DIN rail Degree of protection IP20 terminals Dimensions (W x H x D) mm 105x89x72 Weight g 375 | | | | | |
| Degree of protection IP20 terminals Dimensions (W x H x D) mm 105x89x72 Weight g 375 | Mounting | | | | |
| Dimensions (W x H x D) mm 105x89x72 Weight g 375 | | | | | |
| Weight g 375 | | | | mm | |
| <u> </u> | | | | | |
| Dimensions | | | | | |



Wiring diagrams



Certifications and compliance

Compliant with standards

IEC/EN 60947-2

Certificates





EAC

ETIM classification

ETIM 8.0

EC001445 -Residual current monitoring relay