

## LRE359

EasyPact TVS - dif. releji za toplinsko preop.  
48...65 A - klasa 10A



### Glavno

|                           |  |
|---------------------------|--|
| Range                     | EasyPact   |
| Product name              | EasyPact TVS   |
| Product or component type | Differential thermal overload relay  |
| Device short name         | LRE  |
| Relay application         | Motor protection   |
| Phase failure sensitivity | Tripping current 130 % of I <sub>r</sub> on two phase, the last one at 0 conforming to IEC 60947-4-1 |

### Komplementarno

|  |  |
|--|--|
| Product compatibility                                    | LC1E65...95  |
| Network type   | AC   |
| Network frequency  | 50...60 Hz   |
| Mounting support   | Under contactor<br>Plate (with specific accessories)<br>Rail (with specific accessories)   |
| Thermal overload class                                   | Class 10A conforming to IEC 60947-4-1  |
| Signalling function                                      | Relay trip indicator   |
| Thermal protection adjustment range                      | 48...65 A  |
| Tripping threshold                                       | 1.14 +/- 0.06 I <sub>r</sub> conforming to IEC 60947-4-1   |
| Mechanical robustness                                    | Shocks: 6 Gn for 11 ms conforming to IEC 60068-2-7<br>Vibrations: 3 Gn conforming to IEC 60068-2-6   |
| Auxiliary contact composition                            | 1 NO + 1 NC  |
| [I <sub>th</sub> ] conventional free air thermal current | Signalling circuit: 5 A  |
| [U <sub>e</sub> ] rated operational voltage              | <= 690 V AC  |
| Associated fuse rating                                   | Power circuit: 100 A (gG)<br>Power circuit: 63 A (aM)<br>Signalling circuit: 5 A (gG)  |
| [U <sub>i</sub> ] rated insulation voltage               | 690 V conforming to IEC 60947-4-1  |
| [U <sub>imp</sub> ] rated impulse withstand voltage      | 6 kV   |
| Local signalling   | Trip indicator   |
| Control type   | Stop: red push-button<br>Reset: green push-button  |
| Temperature compensation                                 | -20...60 °C  |
| Connections - terminals                                  | Screw clamp terminals (power circuit): 1 flexible cable(s) without cable end of 4...35 mm <sup>2</sup><br>Screw clamp terminals (power circuit): 1 flexible cable(s) with cable end of 4...35 mm <sup>2</sup><br>Screw clamp terminals (power circuit): 1 solid cable(s) without cable end of 4...35 mm <sup>2</sup><br>Screw clamp terminals (signalling circuit): 2 flexible cable(s) without cable end of 1...2.5 mm <sup>2</sup><br>Screw clamp terminals (signalling circuit): 2 flexible cable(s) with cable end of 1...2.5 mm <sup>2</sup><br>Screw clamp terminals (signalling circuit): 2 solid cable(s) without cable end of 1...2.5 mm <sup>2</sup> |
| Tightening torque  | Power circuit (screw clamp terminals): 9 N.m<br>Signalling circuit (screw clamp terminals): 1.7 N.m  |
| Height   | 54 mm  |
| Width  | 70 mm  |
| Depth  | 113 mm   |

Informacije dane u ovoj dokumentaciji sadrže opće opisne i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric, Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

|                |         |
|----------------|---------|
| Product weight | 0.46 kg |
|----------------|---------|

## Okolina

|                                       |   |
|---------------------------------------|---|
| standards                             | IEC 60947-4-1<br>IEC 60947-5-1  |
| product certifications                | GOST  |
| protective treatment                  | TH conforming to IEC 60068  |
| IP degree of protection               | IP20 conforming to IEC 60529  |
| ambient air temperature for operation | -20...70 °C with derating<br>-20...60 °C without derating conforming to IEC 60947-4-1 |
| ambient air temperature for storage   | -60...80 °C   |
| fire resistance                       | 850 °C conforming to IEC 60068-2-1  |
| dielectric strength                   | 6 kV at 50 Hz conforming to IEC 60255-5   |
| electromagnetic compatibility         | Surge withstand: 6 kV conforming to IEC 60801-5                                       |

## Offer Sustainability

|   |   |
|---|---|
| Not Green Premium product   | Not Green Premium product   |
| Compliant - since 1110 - Schneider Electric declaration of conformity | Compliant - since 1110 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold                     | Reference not containing SVHC above the threshold                     |