

## LR7K0316

TeSys K–nediferencijalni releji za toplinsko preopterećenje–8...11,5 A–klasa 10A



### Glavno

|                                     |   |
|-------------------------------------|---|
| Range                               | TeSys   |
| Product name                        | TeSys LRK   |
| Product or component type           | Non differential thermal overload relay   |
| Device short name                   | LR7K  |
| Relay application                   | Motor protection  |
| Product compatibility               | LC1K<br>LP1K<br>LC7K<br>LP4K  |
| Network type                        | AC<br>DC  |
| Thermal overload class              | Class 10A conforming to IEC 60947-4-1   |
| Thermal protection adjustment range | 8...11.5 A  |
| [Ui] rated insulation voltage       | 690 V power circuit conforming to BS 4941<br>690 V power circuit conforming to IEC 60947<br>750 V power circuit conforming to VDE 0110 group C<br>600 V power circuit conforming to CSA C22.2 No 14 |

### Komplementarno

|   |  |
|---|--|
| Network frequency                           | <= 400 Hz  |
| Mounting support                            | Plate with specific accessories<br>Rail with specific accessories<br>Under contactor   |
| Auxiliary contact composition               | 1 NO + 1 NC  |
| [Ith] conventional free air thermal current | 6 A for signalling circuit   |
| [Ue] rated operational voltage              | <= 690 V for power circuit<br>690 V AC AC-15 for signalling circuit<br>250 V DC DC-13 for signalling circuit   |
| Associated fuse rating                      | 6 A gG for signalling circuit conforming to VDE 0660<br>6 A gG for signalling circuit conforming to IEC 60947  |
| [Uimp] rated impulse withstand voltage      | 6 kV   |
| Power dissipation per pole                  | 2 W  |
| Local signalling                            | Trip indicator (yellow)  |
| Control type                                | Selector switch manual or automatic for reset mode<br>Red push-button trip test function<br>Blue push-button stop and manual reset   |
| Connections - terminals                     | Screw clamp terminals 1 cable(s) 1.5...4 mm <sup>2</sup> - cable stiffness: solid<br>Screw clamp terminals 1 cable(s) 0.75...4 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Screw clamp terminals 1 cable(s) 0.34...2.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Screw clamp terminals 2 cable(s) 1.5...4 mm <sup>2</sup> - cable stiffness: solid<br>Screw clamp terminals 2 cable(s) 0.75...4 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Screw clamp terminals 2 cable(s) 0.34...1.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end |
| Tightening torque                           | 1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2<br>1.3 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm  |
| Height                                      | 58 mm  |
| Width                                       | 45 mm  |
| Depth                                       | 65 mm  |

Informacije dane u ovoj dokumentaciji sadrže opće opise 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 potpuniju 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 0.145 kg

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## Okolina

|                                       |  |
|---------------------------------------|--|
| standards                             | BS 4941<br>IEC 60947<br>NF C 63-650<br>VDE 0660  |
| product certifications                | CSA<br>UL  |
| protective treatment                  | TC conforming to IEC 60068<br>TC conforming to DIN 50016   |
| IP degree of protection               | IP2x conforming to IEC 60529   |
| ambient air temperature for operation | -20...55 °C without derating conforming to IEC 60947<br>-30...60 °C with derating conforming to IEC 60947  |
| ambient air temperature for storage   | -40...70 °C  |
| operating altitude                    | 2000 m without derating  |
| fire resistance                       | 850 °C conforming to IEC 60695-2-1   |
| flame retardance                      | V1 conforming to UL 94<br>Requirement 2 conforming to NF F 16-101<br>Requirement 2 conforming to NF F 16-102   |
| mechanical robustness                 | Shocks NO contact 10 Gn for 11 ms conforming to IEC 60068-2-27<br>Shocks NC contact 10 Gn for 11 ms conforming to IEC 60068-2-27<br>Vibrations NO contact 2 Gn, 5...300 Hz conforming to IEC 60068-2-6<br>Vibrations NC contact 2 Gn, 5...300 Hz conforming to IEC 60068-2-6 |

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## Offer Sustainability

|  |   |
|--|---|
| Not Green Premium product  | Not Green Premium product   |
| Compliant - since 0701 - Schneider Electric declaration of conformity    | Compliant - since 0701 - Schneider Electric declaration of conformity |
| Reference contains SVHC above the threshold - go to CaP for more details | Reference contains SVHC above the threshold                           |

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## Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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