



### Principal

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|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Gama                                | TeSys                                                                                                                               |
| Nume produs                         | TeSys LRD                                                                                                                           |
| Tip produs sau componenta           | Releu de suprasarcina termica diferential                                                                                           |
| Nume scurt al dispozitivului        | LRD                                                                                                                                 |
| Aplicatie releu                     | Protectie motor                                                                                                                     |
| Compatibilitate produs              | LC1D18<br>LC1D38<br>LC1D32<br>LC1D25<br>LC1D12<br>LC1D09                                                                            |
| Tip retea electrica                 | C.c.<br>C.a.                                                                                                                        |
| Clasa de declansare termica         | Clasa 10A conformitate cu IEC 60947-4-1                                                                                             |
| Gama de reglaj a protectiei termice | 1,6...2,5 A                                                                                                                         |
| [Ui] tensiune nominala de izolatie  | Power circuit: 600 V conforming to CSA<br>Power circuit: 600 V conforming to UL<br>Power circuit: 690 V conforming to IEC 60947-4-1 |

### Suplimentar

|                                                            |                                                                                           |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Frecventa retea electrica                                  | 0...400 Hz                                                                                |
| Suport de montare                                          | Plate, with specific accessories<br>Rail, with specific accessories<br>Under contactor    |
| Prag de declansare                                         | 1.14 +/- 0.06 I <sub>r</sub> conforming to IEC 60947-4-1                                  |
| Compozitie contact auxiliar                                | 1 NO + 1 NC                                                                               |
| [I <sub>th</sub> ] curent termic conventional in aer liber | 5 A for signalling circuit                                                                |
| Curent admisibil                                           | 3 A at 120 V AC-15 for signalling circuit<br>0.22 A at 125 V DC-13 for signalling circuit |

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ue] tensiune nominala de functionare | 690 V AC 0...400 Hz for power circuit conforming to IEC 60947-4-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Calibrul fuzibilului asociat          | 4 A gG for signalling circuit<br>4 A BS for signalling circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [Uimp] tensiune de tinere la impuls   | 6 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sensibilitate la cadere de faza       | Tripping current 130 % of I <sub>r</sub> on two phase, the last one at 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Tip de control                        | Red push-button: stop<br>Blue push-button: reset                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Compensare cu temperatura             | -20...60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Conexiuni - borne                     | Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> flexible without cable end<br>Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> flexible with cable end<br>Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> solid without cable end<br>Power circuit: screw clamp terminals 1 cable(s) 1.5...10 mm <sup>2</sup> flexible without cable end<br>Power circuit: screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible with cable end<br>Power circuit: screw clamp terminals 1 cable(s) 1...6 mm <sup>2</sup> solid without cable end |
| Cuplu de strangere                    | Control circuit: 1.7 N.m - on screw clamp terminals<br>Power circuit: 1.7 N.m - on screw clamp terminals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Inaltime                              | 66 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Latime                                | 45 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Adancime                              | 70 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Greutate produs                       | 0,124 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Mediu

|                                     |                                                                                                                                                                     |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tratament protector                 | TH conforming to IEC 60068                                                                                                                                          |
| Grad de protectie IP                | IP20 conforming to IEC 60529                                                                                                                                        |
| Temperatura ambientala de utilizare | -20...60 °C without derating conforming to IEC 60947-4-1                                                                                                            |
| Temperatura de depozitare           | -60...70 °C                                                                                                                                                         |
| Intarziere flacara                  | V1 conforming to UL 94                                                                                                                                              |
| Rezistenta mecanica                 | Vibrations: 6 Gn conforming to IEC 60068-2-6<br>Shocks: 15 Gn for 11 ms conforming to IEC 60068-2-7                                                                 |
| Rigiditate dielectrica              | 1.89 kV at 50 Hz conforming to IEC 60947-1                                                                                                                          |
| Standarde                           | EN/IEC 60947-4-1<br>SR EN 60947-5-1<br>UL 60947-4-1<br>UL 60947-5-1<br>CSA C22.2 No 60947-4-1<br>CSA C22.2 No 60947-5-1<br>GB/T 14048.4<br>GB/T 14048.5<br>EN 50495 |
| Certificari produs                  | IEC<br>UL<br>CSA<br>CCC<br>EAC<br>BV<br>RINA<br>DNV-GL<br>LROS (Lloyds register of shipping)<br>ATEX INERIS<br>UKCA                                                 |

## Packing Units

|                                            |        |
|--------------------------------------------|--------|
| Tip unitate a formei de impachetare 1      | PCE    |
| Număr de produse în pachet                 | 1      |
| Greutate colet(Lbs)                        | 138 g  |
| Inaltimea formei de impachetare 1          | 4,9 cm |
| Latimea formei de impachetare 1            | 7,7 cm |
| Lungimea formei de impachetare 1           | 8,8 cm |
| Tip unitate a formei de impachetare 2      | S02    |
| Numar de unitati in forma de impachetare 2 | 24     |

|                                            |           |
|--------------------------------------------|-----------|
| Greutatea formei de impachetare 2          | 3,653 kg  |
| Inaltimea formei de impachetare 2          | 15 cm     |
| Latimea formei de impachetare 2            | 30 cm     |
| Lungimea formei de impachetare 2           | 40 cm     |
| Tip unitate a formei de impachetare 3      | P06       |
| Numar de unitati in forma de impachetare 3 | 384       |
| Greutatea formei de impachetare 3          | 72,827 kg |
| Inaltimea formei de impachetare 3          | 77 cm     |
| Latimea formei de impachetare 3            | 60 cm     |
| Lungimea formei de impachetare 3           | 80 cm     |

### Offer Sustainability

|                                        |                                                                                                                                                                                  |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stare ofertă sustenabilă               | Produs Green Premium                                                                                                                                                             |
| Regulamentul REACH                     | <a href="#">Declaratia REACH</a>                                                                                                                                                 |
| Directiva RoHS UE                      | Conform<br><a href="#">Declaratia RoHS UE</a>                                                                                                                                    |
| Fara mercur                            | Da                                                                                                                                                                               |
| Informatii privind scutirea de la RoHS | <a href="#">Da</a>                                                                                                                                                               |
| Regulamentul RoHS China                | <a href="#">Declaratia RoHS China</a><br>Produs in afara domeniului de aplicare a RoHS China. Declaratia privind substantele in scop informativ.                                 |
| Raport de mediu                        | <a href="#">Profilul ambiental al produsului</a>                                                                                                                                 |
| Profil circularitate                   | <a href="#">Informatii privind sfarsitul duratei de viata</a>                                                                                                                    |
| WEEE                                   | În Uniunea Europeana, produsele trebuie reciclate respectand sistemul specific de colectare a deseurilor si nu trebuie sa ajunga in pubelele de colectare a deseurilor menajere. |

### Contractual warranty

|          |           |
|----------|-----------|
| Garantie | 18 months |
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