

# Product datasheet

Specifications



## TeSys F - specific contactor coil - 110 V AC 40...400 Hz low consumption

Local distributor code: 402994824    LX9FL924

### Main

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| Range                        | TeSys                                                   |
| Product or component type    | Specific contactor coil                                 |
| Device short name            | LX9FL                                                   |
| Range compatibility          | TeSys F LC1F contactor<br>TeSys F DR5TE rectifier       |
| Product compatibility        | DR5TE<br>LC1F630                                        |
| Control circuit type         | AC at 40...400 Hz low consumption<br>DC low consumption |
| [Uc] control circuit voltage | 110 V AC 40...400 Hz<br>110 V DC                        |
| Inductance of closed circuit | 0.77 H                                                  |
| Average resistance           | 13.5 Ohm inrush at 20 °C<br>114 Ohm holding at 20 °C    |
| Operating time               | 60 ms opening<br>50 ms closing                          |
| Mechanical durability        | 5 Mcycles                                               |
| Maximum operating rate       | 1800 cyc/h 70 °C                                        |

### Complementary

|                                 |                                                                             |
|---------------------------------|-----------------------------------------------------------------------------|
| Coil technology                 | Without built-in suppressor module                                          |
| Control circuit voltage limits  | Operational: 0.85...1.1 Uc (at 55 °C)<br>Drop-out: 0.25...0.5 Uc (at 55 °C) |
| Inrush power in VA              | 830 VA 40...400 Hz (at 20 °C)                                               |
| Hold-in power consumption in VA | 47 VA 40...400 Hz (at 20 °C)                                                |
| Heat dissipation                | 22.8...27.8 W                                                               |

### Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
| Net weight                            | 1.45 kg    |

### Packing Units

|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

|                              |          |
|------------------------------|----------|
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 1.492 kg |
| Package 1 Height             | 9.5 cm   |
| Package 1 width              | 11.5 cm  |
| Package 1 Length             | 22.5 cm  |

Offer Sustainability

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                             |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                 |
| REACH free of SVHC         | Yes                                                                                               |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes                                                                                               |
| Mercury free               | Yes                                                                                               |
| RoHS exemption information | <a href="#">Yes</a>                                                                               |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>                                                            |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                     |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                           |

Contractual warranty

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