



## Main

|                              |   |
|------------------------------|---|
| Range                        | TeSys   |
| Product or component type    | Specific contactor coil                                 |
| Device short name            | LX9FJ   |
| Range compatibility          | TeSys F LC1F contactor<br>TeSys F DR5TE rectifier       |
| Product compatibility        | LC1F400<br>DR5TE  |
| Control circuit type         | AC at 40...400 Hz low consumption<br>DC low consumption |
| [Uc] control circuit voltage | 220...230 V AC 40...400 Hz<br>220...230 V DC            |
| Average resistance           | 99.5 Ohm inrush at 20 °C<br>919 Ohm holding at 20 °C    |
| Inductance of closed circuit | 5 H   |
| Operating time               | 60 ms opening<br>50 ms closing                          |
| Mechanical durability        | 10 Mcycles  |
| Maximum operating rate       | 3600 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: 0.3...0.5 Uc (at 55 °C) |
| Inrush power in VA              | 500 VA 40...400 Hz (at 20 °C)  |
| Hold-in power consumption in VA | 23 VA 40...400 Hz (at 20 °C)   |
| Heat dissipation                | 11.4...13.9 W  |

## Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
|---------------------------------------|------------|

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|            |         |
|------------|---------|
| Net weight | 0.97 kg |
|------------|---------|

### 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 |
|----------|-----------|