



## Main

|                              |  |
|------------------------------|--|
| Range                        | TeSys  |
| Product or component type    | Specific contactor coil                              |
| Device short name            | LX9FG  |
| Range compatibility          | TeSys TeSys F LC1F contactor                         |
| Product compatibility        | LC1F185<br>LC1F225                                   |
| Control circuit type         | AC at 40...400 Hz low consumption                    |
| [Uc] control circuit voltage | 110...115 V AC 40...400 Hz                           |
| Inductance of closed circuit | 1.46 H   |
| Average resistance           | 10.4 Ohm inrush at 20 °C<br>411 Ohm holding at 20 °C |
| Operating time               | 130 ms opening<br>35 ms closing                      |
| Mechanical durability        | 10 Mcycles   |
| Maximum operating rate       | 2400 cyc/h 55 °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: 0.2...0.55 Uc (at 55 °C) |
| Inrush power in VA              | 950...1180 VA 40...400 Hz (at 20 °C)  |
| Hold-in power consumption in VA | 8.9...10.9 VA 40...400 Hz (at 20 °C)  |
| Heat dissipation                | 8...9.8 W   |

## Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
| Net weight                            | 0.55 kg    |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 7.0 cm   |
| Package 1 Width              | 8.0 cm   |
| Package 1 Length             | 15.8 cm  |
| Package 1 Weight             | 593.0 g  |
| Unit Type of Package 2       | S03      |
| Number of Units in Package 2 | 14       |
| Package 2 Height             | 30.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 8.752 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) |
| Mercury free               | Yes  |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                     |
| RoHS exemption information | <a href="#">Yes</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>              |
| Circularity Profile        | <a href="#">End Of Life Information</a>                    |

## Contractual warranty

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