



### Main

|                              |                                         |
|------------------------------|-----------------------------------------|
| Range                        | TeSys                                   |
| Product or component type    | Contactor coil                          |
| Device short name            | LX1FG                                   |
| Range compatibility          | TeSys F LC1F contactor                  |
| Product compatibility        | LC1F185<br>LC1F225                      |
| Control circuit type         | AC at 50 Hz                             |
| [Uc] control circuit voltage | 660...690 V AC 50 Hz                    |
| Average resistance           | 154 Ohm at 20 °C                        |
| Inductance of closed circuit | 21.8 H                                  |
| Operating time               | 20...35 ms closing<br>7...15 ms opening |
| Mechanical durability        | 10 Mcycles                              |
| Maximum operating rate       | 2400 cyc/h 55 °C                        |

### Complementary

|                                 |                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------|
| Coil technology                 | Without built-in suppressor module                                                             |
| Control circuit voltage limits  | Drop-out: 0.35...0.55 Uc 50/60 Hz (at 55 °C)<br>Operational: 0.85...1.1 Uc 50/60 Hz (at 55 °C) |
| Inrush power in VA              | 805 VA 50 Hz cos phi 0.3 (at 20 °C)                                                            |
| Hold-in power consumption in VA | 55 VA 50 Hz cos phi 0.3 (at 20 °C)                                                             |
| Heat dissipation                | 18...24 W at 50 Hz                                                                             |

### Environment

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

### Offer Sustainability

|                   |                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------|
| REACH Regulation  | <a href="#">REACH Declaration</a>                                                                 |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |

|                             |                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Mercury free                | Yes                                                                                                                   |
| RoHS exemption information  | <a href="#">Yes</a>                                                                                                   |
| China RoHS Regulation       | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| <b>Contractual warranty</b> |                                                                                                                       |
| Warranty                    | 18 months                                                                                                             |