



### Main

|                              |  |
|------------------------------|--|
| Commercial Status            | Commercialised                                       |
| Range of product             | TeSys F  |
| Product or component type    | Contacteur coil                                      |
| Device short name            | LX1FK  |
| Control circuit type         | AC 40...400 Hz                                       |
| Control circuit voltage      | 220...230 V AC 40...400 Hz                           |
| Average resistance           | 915 Ohm holding at 20 °C<br>35.5 Ohm inrush at 20 °C |
| Inductance of closed circuit | 4.55 H   |
| Product compatibility        | LC1F500  |
| Operating time               | 40...75 ms closing<br>100...170 ms opening           |
| Mechanical durability        | 10 Mcycles   |
| Operating rate               | 2400 cyc/h at <= 55 °C                               |

### Complementary

|                                 |  |
|---------------------------------|--|
| Coil technology                 | Without built-in suppressor module   |
| Control circuit voltage limits  | 0.3...0.5 Uc at 55 °C drop-out 40...400 Hz<br>0.85...1.1 Uc at 55 °C operational 40...400 Hz |
| Inrush power in VA              | 1100 VA at 20 °C (cos φ 0.9) 40...400 Hz   |
| Hold-in power consumption in VA | 18 VA at 20 °C (cos φ 0.3) 40...400 Hz   |
| Heat dissipation                | 18 W at 40...400 Hz  |

### Environment

|                                       |              |
|---------------------------------------|--------------|
| Ambient air temperature for operation | > -5...55 °C |
| Product weight                        | 1.15 kg      |

### Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|