

# Product datasheet

Specifications



## TeSys F - contactor coil - LX1FL - 220...240 V AC 40...400 Hz

LX1FL220

Discontinued on: 30 Apr 2024

Discontinued

### Main

|                              |  |
|------------------------------|--|
| Range                        | TeSys  |
| Product or component type    | Contactor coil                                       |
| Device short name            | LX1FL  |
| Range compatibility          | TeSys TeSys F LC1F contactor                         |
| Product compatibility        | LC1F630<br>LC1F1250                                  |
| Control circuit type         | AC at 40...400 Hz                                    |
| [Uc] control circuit voltage | 220...240 V AC 40...400 Hz                           |
| Inductance of closed circuit | 3.35 H   |
| Average resistance           | 25.5 Ohm inrush at 20 °C<br>730 Ohm holding at 20 °C |
| Operating time               | 100...200 ms opening<br>40...80 ms closing           |
| Mechanical durability        | 5 Mcycles  |
| Maximum operating rate       | 1200 cyc/h 55 °C                                     |

### Complementary

|                                 |   |
|---------------------------------|---|
| Coil technology                 | Without built-in suppressor module  |
| Control circuit voltage limits  | Operational: 0.85...1.1 Uc 40...400 Hz (at 55 °C)<br>Drop-out: 0.25...0.5 Uc 40...400 Hz (at 55 °C) |
| Inrush power in VA              | 1650 VA 40...400 Hz cos phi 0.9 (at 20 °C)  |
| Hold-in power consumption in VA | 22 VA 40...400 Hz cos phi 0.3 (at 20 °C)  |
| Heat dissipation                | 20 W at 40...400 Hz   |

### Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
| Net weight                            | 1.5 kg     |

### Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 10.000 cm |
| Package 1 Width              | 11.500 cm |

|                              |           |
|------------------------------|-----------|
| Package 1 Length             | 23.000 cm |
| Package 1 Weight             | 1.410 kg  |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 9.170 kg  |
| Unit Type of Package 3       | P06       |
| Number of Units in Package 3 | 48        |
| Package 3 Height             | 75.000 cm |
| Package 3 Width              | 60.000 cm |
| Package 3 Length             | 80.000 cm |
| Package 3 Weight             | 83.036 kg |

## Contractual warranty

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



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation

[REACH Declaration](#)

## Use Again

### Repack and remanufacture

End of life manual availability

[End of Life Information](#)

Take-back

No