

# Product data sheet

Specifications



## TeSys F - contactor coil - LX1FL - 550...600 V AC 40...400 Hz

LX1FL600

 To be discontinued on: Dec 31, 2028

**Product availability: Non-Stock - Not normally stocked in distribution facility**

 To be discontinued

### Main

|                              |                                                                |
|------------------------------|----------------------------------------------------------------|
| Range                        | TeSys                                                          |
| Product or Component Type    | Contactor coil                                                 |
| Device short name            | LX1FL                                                          |
| Range compatibility          | TeSys TeSys F LC1F contactor                                   |
| Product Compatibility        | LC1F1250<br>LC1F630                                            |
| Control circuit type         | AC 40...400 Hz                                                 |
| [Uc] control circuit voltage | 550...600 V AC 40...400 Hz                                     |
| Inductance of closed circuit | 19.5 H                                                         |
| Average resistance           | 155 Ohm inrush 68 °F (20 °C)<br>4560 Ohm holding 68 °F (20 °C) |
| Operating time               | 100...200 ms opening<br>40...80 ms closing                     |
| Mechanical durability        | 5 Mcycles                                                      |
| Maximum operating rate       | 1200 cyc/h 131 °F (55 °C)                                      |

### Complementary

|                                 |                                                                                                             |
|---------------------------------|-------------------------------------------------------------------------------------------------------------|
| Coil technology                 | Without built-in suppressor module                                                                          |
| Control circuit voltage limits  | Operational 0.85...1.1 Uc 40...400 Hz 131 °F (55 °C))<br>Drop-out 0.25...0.5 Uc 40...400 Hz 131 °F (55 °C)) |
| Inrush power in VA              | 1650 VA 40...400 Hz cos phi 0.9 (at 68 °F (20 °C))                                                          |
| Hold-in power consumption in VA | 22 VA 40...400 Hz cos phi 0.3 (at 68 °F (20 °C))                                                            |
| Heat dissipation                | 20 W 40...400 Hz                                                                                            |

### Environment

|                                       |                          |
|---------------------------------------|--------------------------|
| Ambient Air Temperature for Operation | 23...131 °F (-5...55 °C) |
| Product Weight                        | 3.3 lb(US) (1.5 kg)      |

### Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1CTR121253  |
| Discount Schedule | CTR1          |
| GTIN              | 3389110225594 |
| Returnability     | No            |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

|                   |    |
|-------------------|----|
| Country of origin | CZ |
|-------------------|----|

## Packing Units

|                        |                         |
|------------------------|-------------------------|
| Unit Type of Package 1 | PCE                     |
| Nbr. of units in pkg.  | 1                       |
| Package 1 Height       | 4.00 in (10.16 cm)      |
| Package 1 Width        | 5.50 in (13.97 cm)      |
| Package 1 Length       | 9.50 in (24.13 cm)      |
| Package weight(Lbs)    | 3.111 lb(US) (1.411 kg) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

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

|                                                        |                |
|--------------------------------------------------------|----------------|
| Total lifecycle Carbon footprint                       | 70 kg CO2 eq.  |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.9 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.   |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.   |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 69 kg CO2 eq.  |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.3 kg CO2 eq. |

## Use Better



### Materials and Substances

|                                        |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                    |
| Packaging without single use plastic   | Yes                                                                                    |
| SCIP Number                            | 975ba4d0-bc82-40e2-8faa-6f6819f63b0c                                                   |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in % | 95                                                                                                                                                                                                               |
| Take-back                     | No                                                                                                                                                                                                               |
| WEEE Label                    |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |