

# Product datasheet

Specifications



## contactor coil - LX1F - 100 V AC - 50/60 Hz

LX1FK100

! Discontinued

### Main

|                              |                                                       |
|------------------------------|-------------------------------------------------------|
| Range                        | TeSys                                                 |
| Product or component type    | Contactor coil                                        |
| Device short name            | LX1FK                                                 |
| Range compatibility          | TeSys TeSys F LC1F contactor                          |
| Product compatibility        | LC1F500                                               |
| Control circuit type         | AC at 50/60 Hz                                        |
| [Uc] control circuit voltage | 100 V AC 50/60 Hz                                     |
| Average resistance           | 7.5 Ohm inrush at 20 °C<br>165.9 Ohm holding at 20 °C |
| Operating time               | 100...170 ms opening<br>40...75 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 50/60 Hz (at 55 °C)<br>Drop-out: 0.3...0.5 Uc 50/60 Hz (at 55 °C) |

### Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
|---------------------------------------|------------|

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 9.2 cm  |
| Package 1 Width              | 10.0 cm |
| Package 1 Length             | 18.6 cm |
| Package 1 Weight             | 1.15 kg |

### Contractual warranty

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

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



## 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 |

## Use Longer



### Lifetime extension

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

## Use Again



### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %   | 95                                                                                                                                                                                                              |
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| 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 |