# Product datasheet

Specifications

## TeSys F - contactor coil - LX4FK - 48 V DC

LX4FK048

⚠ Discontinued on: 18 Oct 2020

⚠ **Discontinued**

## Main

| | |
|---|---|
| **Range** | TeSys |
| **product or component type** | Contactor coil |
| **Device short name** | LX4FK |
| **Range compatibility** | TeSys TeSys F LC1F contactor |
| **Product compatibility** | LC1F500 |
| **Control circuit type** | DC low consumption |
| **[Uc] control circuit voltage** | 48 V DC |
| **Inductance of closed circuit** | 67 H |
| **Average resistance** | 2.34 Ohm inrush at 20 °C<br>515 Ohm holding at 20 °C |
| **Operating time** | 45...60 ms opening<br>50...60 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** | Drop-out: 0.2...0.35 Uc (at 55 °C)<br>Operational: 0.85...1.1 Uc (at 55 °C) |
| **Inrush power in W** | 990…1220 W (at 20 °C) |
| **Hold-in power consumption in W** | 4.54…8 W at 20 °C |

## Environment

| | |
|---|---|
| **ambient air temperature for operation** | -5…55 °C |
| **net weight** | 1.08 kg |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 9 cm |
| **Package 1 Width** | 10 cm |
| **Package 1 Length** | 18.5 cm |

| Package 1 Weight | 1.221 kg |
| --- | --- |

## Contractual warranty

| **Warranty** | 12 months |
| --- | --- |

# Sustainability ![Green Premium]

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >

Transparency    RoHS/REACh

## Well-being performance

✅  Reach Free Of Svhc

✅  Toxic Heavy Metal Free

✅  Mercury Free

✅  Rohs Exemption Information        Yes

## Certifications & Standards

**Eu Rohs Directive**                  Pro-active compliance (Product out of EU RoHS legal scope)

EU RoHS Declaration

**China Rohs Regulation**              China RoHS declaration

**Environmental Disclosure**           Product Environmental Profile

**Circularity Profile**                End of Life Information