

# Product datasheet

Specifications



## TeSys F - contactor coil - LX1FK - 240 V AC 40...400 Hz

LX1FK240

 To be discontinued on: 31 Dec 2028

 To be discontinued

Price: 7,279.47 ZAR

### 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 40...400 Hz                                     |
| [Uc] Control Circuit Voltage | 240 V AC 40...400 Hz                                  |
| Inductance Of Closed Circuit | 5.75 H                                                |
| Average Resistance           | 44.5 Ohm inrush at 20 °C<br>1160 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 40...400 Hz (at 55 °C)<br>Drop-out: 0.3...0.5 Uc 40...400 Hz (at 55 °C) |
| Inrush Power In Va              | 1100 VA 40...400 Hz cos phi 0.9 (at 20 °C)                                                         |
| Hold-In Power Consumption In Va | 18 VA 40...400 Hz cos phi 0.3 (at 20 °C)                                                           |
| Heat Dissipation                | 18 W at 40...400 Hz                                                                                |

### Environment

|                                       |            |
|---------------------------------------|------------|
| Ambient Air Temperature For Operation | -5...55 °C |
| Net Weight                            | 1.15 kg    |

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type Of Package 1       | PCE     |
| Number Of Units In Package 1 | 1       |
| Package 1 Height             | 10.0 cm |
| Package 1 Width              | 11.5 cm |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

|                              |          |
|------------------------------|----------|
| Package 1 Length             | 22.6 cm  |
| Package 1 Weight             | 1.232 kg |
| Unit Type Of Package 2       | S03      |
| Number Of Units In Package 2 | 6        |
| Package 2 Height             | 30.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 7.841 kg |

## Contractual warranty

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

## Sustainability

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[Guide to assess a product's sustainability >](#)

## Well-being performance

|                                                                                   |                            |                                                                                                   |
|-----------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------|
|  | Reach Free Of Svhc         |                                                                                                   |
|  | Toxic Heavy Metal Free     |                                                                                                   |
|  | Mercury Free               |                                                                                                   |
|  | Rohs Exemption Information | Yes                                                                                               |
|                                                                                   |                            |                                                                                                   |
| Reach Regulation                                                                  |                            | <a href="#">REACH Declaration</a>                                                                 |
|                                                                                   |                            |                                                                                                   |
| Eu Rohs Directive                                                                 |                            | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
|                                                                                   |                            |                                                                                                   |
| China Rohs Regulation                                                             |                            | <a href="#">China RoHS declaration</a>                                                            |