

# Product data sheet

Specifications



## Capacitor contactor, Tesys Deca, 12.5kVAR at 400/415V 50Hz, 24V AC 50/60Hz coil

LC1DFK11B7

ⓘ Discontinued

### Main

|                                |  |
|--------------------------------|--|
| Range                          | TeSys  |
| Product Name                   | TeSys LC1D.K<br>TeSys Deca   |
| Product Or Component Type      | Capacitor duty contactor   |
| Device Short Name              | LC1DFK   |
| Contactor Application          | Power factor correction  |
| Poles Description              | 3P   |
| Power Pole Contact Composition | 3 NO   |
| [Ue] Rated Operational Voltage | Power circuit: <= 690 V AC 50/60 Hz  |
| Reactive Power Rating          | 12.5 kvar at 400...440 V AC 50/60 Hz 55 °C<br>18 kvar at 660...690 V AC 50/60 Hz 55 °C<br>6.7 kvar at 220...240 V AC 50/60 Hz 55 °C  |
| Control Circuit Type           | AC at 50/60 Hz   |
| [Uc] Control Circuit Voltage   | 24 V AC 50/60 Hz   |
| Auxiliary Contact Composition  | 1 NO + 1 NC  |
| Mounting Support               | Rail<br>Plate  |
| Standards                      | IEC 60070<br>VDE 0560<br>IEC 60831<br>NF C 54-100  |
| Product Certifications         | UL<br>CSA  |
| Connections - Terminals        | Power circuit: connector 1 2.5 mm² - cable stiffness: flexible with cable end<br>Power circuit: connector 1 4 mm² - cable stiffness: solid with cable end<br>Power circuit: connector 2 1.5 mm² - cable stiffness: flexible with cable end<br>Power circuit: connector 2 4 mm² - cable stiffness: solid with cable end |
| Tightening Torque              | Power circuit: 1.2 N.m - on connector  |

### Complementary

|                         |  |
|-------------------------|--|
| Auxiliary Contacts Type | type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1<br>type mirror contact 1 NC conforming to IEC 60947-4-1 |
|-------------------------|--|

### Environment

|                         |   |
|-------------------------|---|
| Ip Degree Of Protection | IP2X conforming to IEC 60529<br>IP2X conforming to VDE 0106 |
| Protective Treatment    | TH conforming to IEC 60068-2-30                             |

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

|                                       |             |
|---------------------------------------|-------------|
| Ambient Air Temperature For Operation | -5...60 °C  |
| Ambient Air Temperature For Storage   | -60...80 °C |
| Operating Altitude                    | 0...3000 m  |
| Height                                | 130 mm      |
| Width                                 | 45 mm       |
| Depth                                 | 117 mm      |
| Net Weight                            | 0.43 kg     |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type Of Package 1       | PCE |
| Number Of Units In Package 1 | 1   |

## Contractual warranty

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

## Sustainability

**Green Premium™ 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<sub>2</sub> products.

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

[Learn more about Green Premium >](#)

[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        | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>   |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |