

# Product datasheet

Specifications



## TeSys LC1D.K capacitor duty contactor - 3P - 40 kVAR - 415 V - 440 V AC coil

LC1DTK12R7

! Discontinued

### Main

|                                |   |
|--------------------------------|---|
| Range                          | TeSys   |
| Product name                   | TeSys LC1D.K  |
| Product or component type      | Capacitor duty contactor  |
| Device short name              | LC1DTK  |
| Contact application            | Power factor correction   |
| Poles description              | 3P  |
| power pole contact composition | 3 NO  |
| [Ue] rated operational voltage | Power circuit: $\leq 690$ V AC 25...400 Hz  |
| Reactive power rating          | 25 kvar at 220...240 V AC 50/60 Hz 55 °C<br>40 kvar at 400...440 V AC 50/60 Hz 55 °C<br>58 kvar at 660...690 V AC 50/60 Hz 55 °C  |
| Control circuit type           | AC at 50/60 Hz  |
| [Uc] control circuit voltage   | 440 V AC 50/60 Hz   |
| Auxiliary contact composition  | 1 NO + 2 NC   |
| Mounting support               | Panel<br>Pre-slotted mounting plate AM1<br>Asymmetrical DZ5-MB rail   |
| Standards                      | NF C 54-100<br>VDE 0560<br>IEC 60070<br>IEC 60831   |
| Product certifications         | CSA<br>UL   |
| Connections - terminals        | Power circuit: connector 1 16 mm <sup>2</sup> - cable stiffness: flexible with cable end<br>Power circuit: connector 1 25 mm <sup>2</sup> - cable stiffness: solid with cable end<br>Power circuit: connector 2 16 mm <sup>2</sup> - cable stiffness: solid with cable end<br>Power circuit: connector 2 6 mm <sup>2</sup> - cable stiffness: flexible with cable end |
| Tightening torque              | Power circuit: 5 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                             |

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|  |                         |
|--|-------------------------|
| <b>Ambient air temperature for operation</b> | -5...60 °C              |
| <b>Ambient air temperature for storage</b>   | -60...80 °C             |
| <b>Operating altitude</b>                    | 3000 m without derating |
| <b>Height</b>                                | 180 mm                  |
| <b>Width</b>                                 | 75 mm                   |
| <b>Depth</b>                                 | 150 mm                  |
| <b>Product weight</b>                        | 1.3 kg                  |

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## **Contractual warranty**

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|                             |    |
|-----------------------------|----|
| <b>Warranty (in months)</b> | 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 >](#)

### Use Better



#### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

### Use Longer



#### Lifetime extension

Repair **No**

### Use Again



#### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins