

Product datasheet

Specifications



TeSys LC1D.K capacitor duty contactor - 3P - 16.7 kVAR - 415 V - 120 V AC coil

LC1DGK02G7

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

EAN Code: 3389118008700

Main

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|--------------------------------|--|
| Range | TeSys |
| Product name | TeSys LC1D.K |
| Product or component type | Capacitor duty contactor |
| Device short name | LC1DGK |
| Contact application | Power factor correction |
| Utilisation category | AC-3 |
| Poles description | 3P |
| power pole contact composition | 3 NO |
| [Ue] rated operational voltage | Power circuit: <= 690 V AC 25...400 Hz |
| Reactive power rating | 16.7 kvar at 400...440 V AC 50/60 Hz 55 °C 24 kvar at 660...690 V AC 50/60 Hz 55 °C 8.5 kvar at 220...240 V AC 50/60 Hz 55 °C |
| Control circuit type | AC at 50/60 Hz |
| [Uc] control circuit voltage | 120 V AC 50/60 Hz |
| Auxiliary contact composition | 2 NC |
| Mounting support | Plate Rail |
| Standards | VDE 0560 IEC 60831 IEC 60070 NF C 54-100 |
| Product certifications | CSA UL |
| Connections - terminals | Power circuit: connector 1 4 mm ² - cable stiffness: flexible with cable end Power circuit: connector 1 6 mm ² - cable stiffness: solid with cable end Power circuit: connector 2 2.5 mm ² - cable stiffness: flexible with cable end Power circuit: connector 2 6 mm ² - cable stiffness: solid with cable end |
| Tightening torque | Power circuit: 1.7 N.m - on connector |

Complementary

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| Auxiliary contacts type | type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1 type mirror contact 1 NC conforming to IEC 60947-4-1 |
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Environment

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| IP degree of protection | IP2X conforming to IEC 60529 IP2X conforming to VDE 0106 |
| Protective treatment | TH conforming to IEC 60068-2-30 |

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| Ambient air temperature for operation | -5...60 °C |
| Ambient air temperature for storage | -60...80 °C |
| Operating altitude | 3000 m without derating |
| Height | 74 mm |
| Width | 45 mm |
| Depth | 117 mm |
| Net weight | 0.45 kg |

Contractual warranty

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| Warranty (in months) | 18 |
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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 Longer



Lifetime extension

Repair

No