



ⓘ Discontinued

Main

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| Range | TeSys |
| Product name | TeSys LC1D.K |
| 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 18 kvar at 660...690 V AC 50/60 Hz 55 °C 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 | 220 V AC 50/60 Hz |
| Auxiliary contact composition | 1 NO + 1 NC |
| Mounting support | Rail Plate |
| Standards | IEC 60831 NF C 54-100 IEC 60070 VDE 0560 |
| Product certifications | CSA UL |
| Connections - terminals | Power circuit: connector 1 2.5 mm ² - cable stiffness: flexible with cable end Power circuit: connector 1 4 mm ² - cable stiffness: solid with cable end Power circuit: connector 2 1.5 mm ² - cable stiffness: flexible with cable end Power circuit: connector 2 4 mm ² - cable stiffness: solid with cable end |
| Tightening torque | Power circuit: 1.2 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 |
| Ambient air temperature for operation | -5...60 °C |
| Ambient air temperature for storage | -60...80 °C |
| Operating altitude | 3000 m without |
| Height | 74 mm |
| Width | 45 mm |
| Depth | 117 mm |
| Net weight | 0.43 kg |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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LC1DFK11M7 is replaced by:



Contactors for capacitor bank LC1DFKM7

contactor TeSys LC1-DF 12.5 kVAr - coil 220 V AC

Qty 1

Reason for Substitution: End of life | Substitution date: 28 March 2017