

Product data sheet

Specifications



⚠ Discontinued

TeSys LC1D.K capacitor duty contactor - 3P - 33.3 kVAR - 415 V - 230 V AC coil

LC1DPK12P7

⚠ Discontinued on: 18 August 2020

⚠ End-of-service on: 18 August 2020

LC1DPK12P7 has not been replaced. Please contact your customer care center for more information.

Main

| | |
|--------------------------------|---|
| Range | TeSys |
| Product name | TeSys LC1D.K |
| Product or component type | Capacitor duty contactor |
| Device short name | LC1DPK |
| 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 | 20 kvar at 220...240 V AC 50/60 Hz 55 °C 33.3 kvar at 400...440 V AC 50/60 Hz 55 °C 48 kvar at 660...690 V AC 50/60 Hz 55 °C |
| Control circuit type | AC at 50/60 Hz |
| [Uc] control circuit voltage | 230 V AC 50/60 Hz |
| Auxiliary contact composition | 1 NO + 2 NC |
| Mounting support | Rail Plate |
| Standards | VDE 0560 NF C 54-100 IEC 60070 IEC 60831 |
| Product certifications | UL CSA |
| Connections - terminals | Power circuit: connector 1 16 mm ² - cable stiffness: flexible with cable end Power circuit: connector 1 25 mm ² - cable stiffness: solid with cable end Power circuit: connector 2 16 mm ² - cable stiffness: solid with cable end Power circuit: connector 2 6 mm ² - 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 type mirror contact 1 NC conforming to IEC 60947-4-1 |
|-------------------------|--|

Environment

| | |
|---------------------------------------|---|
| 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 derating |
| Height | 127 mm |
| Width | 75 mm |
| Depth | 150 mm |
| Net weight | 1.3 kg |

Packing Units

| | |
|------------------|----------|
| Package 1 Weight | 2.486 kg |
| Package 1 Height | 1.350 dm |
| Package 1 width | 1.700 dm |
| Package 1 Length | 1.900 dm |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure | Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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