

LC1DPKU7

TeSys LC1D.K capacitor duty contactor - 3P - 33.3
kVAR - 415 V - 240 V AC coil



Main

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|--------------------------------|--|
| Range | TeSys |
| Product name | TeSys LC1D.K |
| Product or component type | Capacitor duty contactor |
| Device short name | LC1DPK |
| Contactor application | Power factor correction |
| Utilisation category | AC-6B |
| Poles description | 3P |
| Pole contact composition | 3 NO |
| Device location in system | Line interruption Inside delta interruption |
| [Ue] rated operational voltage | <= 690 V AC 50/60 Hz for power circuit |
| Reactive power rating | 30 kvar at 400...415 V AC 50/60 Hz <= 60 °C 50 kvar at 660...690 V AC 50/60 Hz <= 60 °C 17 kvar at 230 V AC 50/60 Hz <= 60 °C 32 kvar at 440 V AC 50/60 Hz <= 60 °C |
| Control circuit type | AC 50/60 Hz |
| [Uc] control circuit voltage | 240 V AC 50/60 Hz |
| Auxiliary contact composition | 1 NO + 2 NC for signalling circuit 3 NO early make for power circuit |
| Electrical durability | 300000 cycles at Ue 400 V 200000 cycles at Ue 690 V |
| Mounting support | DIN rail Plate |
| Standards | IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1 |
| Product certifications | CCC CSA IEC UL EAC KC |
| Connections - terminals | Control circuit : screw clamp terminals 2 cable(s) 1...2.5 mm ² - cable stiffness: flexible - with cable end Control circuit : screw clamp terminals 2 cable(s) 1...4 mm ² - cable stiffness: flexible - without cable end Control circuit : screw clamp terminals 1 cable(s) 1...4 mm ² - cable stiffness: solid - without cable end Control circuit : screw clamp terminals 2 cable(s) 1...4 mm ² - cable stiffness: solid - without cable end Power circuit : screw clamp terminals 1 cable(s) 1...35 mm ² - cable stiffness: solid - without cable end Power circuit : screw clamp terminals 2 cable(s) 1...25 mm ² - cable stiffness: solid - without cable end Control circuit : screw clamp terminals 1 cable(s) 1...4 mm ² - cable stiffness: flexible - with or without cable end Power circuit : screw clamp terminals 1 cable(s) 1...35 mm ² - cable stiffness: flexible - with or without cable end Power circuit : screw clamp terminals 2 cable(s) 1...25 mm ² - cable stiffness: flexible - with or |

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|-------------------|--|
| | without cable end |
| Tightening torque | Control circuit : 1.7 N.m - on screw clamp terminals Power circuit : 5 N.m - on screw clamp terminals - cable 1...25 mm ² Power circuit : 8 N.m - on screw clamp terminals - cable 35 mm ² |
| Operating rate | 240 cyc/h |

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 derating in temperature |
| height | 166 mm |
| width | 55 mm |
| depth | 156 mm |
| product weight | 1.3 kg |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0950 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |