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Main

| | |
|--------------------------------|--|
| Range | TeSys |
| Product name | TeSys LC1D.K |
| Product or component type | Capacitor duty contactor |
| Device short name | LC1D.K |
| Contact application | Power factor correction |
| Utilisation category | AC-6B |
| Poles description | 3P |
| Power pole contact composition | 3 NO |
| Device location in system | Inside delta interruption Line interruption |
| [Ue] rated operational voltage | Power circuit <= 690 V AC 50/60 Hz |
| Reactive power rating | 35 Kvar 230 V AC 50/60 Hz 140 °F (60 °C) 63 Kvar 400...415 V AC 50/60 Hz 140 °F (60 °C) 67 Kvar 440 V AC 50/60 Hz 140 °F (60 °C) 104 kvar 660...690 V AC 50/60 Hz 140 °F (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 signalling circuit 3 NO early make power circuit |
| Electrical durability | 300000 Cycles 400 V 200000 cycles 690 V |
| Mounting support | Plate DIN rail |
| Standards | CSA C22.2 No 60947-4-1 UL 60947-4-1 IEC 60947-4-1 |
| Product certifications | UL CSA KC CCC IEC EAC |
| Connections - terminals | Power circuit EverLink BTR screw connectors 1 0.01...0.08 in ² (4...50 mm ²) solid without cable end Power circuit EverLink BTR screw connectors 2 0.01...0.04 in ² (4...25 mm ²) solid without cable end Power circuit EverLink BTR screw connectors 1 0.01...0.08 in ² (4...50 mm ²) flexible with or without cable end Power circuit EverLink BTR screw connectors 2 0.01...0.04 in ² (4...25 mm ²) flexible without cable end Power circuit EverLink BTR screw connectors 2 0.01...0.02 in ² (4...16 mm ²) flexible with cable end Control circuit screw clamp terminals 1 0.00... 0.01 in ² (1...4 mm ²) solid without cable end Control circuit screw clamp terminals 2 0.00... 0.01 in ² (1...4 mm ²) solid without cable end Control circuit screw clamp terminals 1 0.00... 0.01 in ² (1...4 mm ²) flexible without cable end Control circuit screw clamp terminals 2 0.00... 0.01 in ² (1...4 mm ²) flexible without cable end Control circuit screw clamp terminals 1 0.00... 0.00 in ² (1...2.5 mm ²) flexible with cable end Control circuit screw clamp terminals 2 0.00... 0.00 in ² (1...2.5 mm ²) flexible with cable end |
| Tightening torque | Power circuit 79.66 lbf.in (9 N.m) EverLink BTR screw connectors Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals |
| Maximum operating rate | 100 cyc/h |

Complementary

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| Auxiliary contacts type | Mechanically linked 1 NO + 1 NC IEC 60947-5-1 Mirror contact 1 NC IEC 60947-4-1 |
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Environment

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|---------------------------------------|---------------------------------|
| IP degree of protection | IP2x IEC 60529 IP2x VDE 0106 |
| Protective treatment | TH IEC 60068-2-30 |
| Ambient air temperature for operation | 23...140 °F (-5...60 °C) |
| Ambient air temperature for storage | -76...176 °F (-60...80 °C) |
| Operating altitude | 9842.52 ft (3000 m) without |
| Height | 7.09 in (180 mm) |
| Width | 3.35 in (85 mm) |
| Depth | 6.06 in (154 mm) |
| Net weight | 3.64 lb(US) (1.65 kg) |

Ordering and shipping details

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|---------------------|---|
| Category | 22359 - CTR, TESYS D, OPEN, 80-150A AC&DC |
| Discount Schedule | I12 |
| GTIN | 03389110060706 |
| Package weight(Lbs) | 1.81 kg (4 lb(US)) |
| Returnability | No |
| Country of origin | CZ |

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 |
| 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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