

LC1DWK12F7

Capacitor contactor, Tesys Deca, 63kVAR at 400/415V 50Hz, 110V AC 50/60Hz coil, screw clamp terminals





Main

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| Range | TeSys |
| Product name | TeSys LC1D.K TeSys Deca |
| Product or Component Type | Capacitor duty contactor |
| Device short name | LC1DWK |
| Device Application | Control |
| Contact application | Power factor correction |
| Utilisation category | AC-6b |
| Poles description | 3P |
| Power pole contact composition | 3 NO |
| [Ue] rated operational voltage | Power circuit 690 V AC 50/60 Hz |
| Reactive power rating | 35 Kvar 230 V AC 50 Hz 140 °F (60 °C) 63 Kvar 400 V AC 50 Hz 140 °F (60 °C) 67 Kvar 440 V AC 50 Hz 140 °F (60 °C) 104 Kvar 690 V AC 50 Hz 140 °F (60 °C) 30 Kvar 230 V AC 60 Hz 140 °F (60 °C) 60 Kvar 460 V AC 60 Hz 140 °F (60 °C) 80 kvar 575 V AC 60 Hz 140 °F (60 °C) |
| Control circuit type | AC 50/60 Hz |
| [Uc] control circuit voltage | 110 V AC 50/60 Hz |
| Auxiliary contact composition | 1 NO + 2 NC instantaneous |
| Electrical durability | 300000 Cycles 400 V 200000 cycles 690 V |
| Mounting Support | DIN rail Plate |
| Standards | EN/IEC 60947-1 EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1 |
| Product Certifications | IECEE CB Scheme[RETURN]UL[RETURN]CSA[RETURN]UKCA |
| Connections - terminals | Control circuit: screw clamp terminals 1 0.00... 0.01 in ² (1...4 mm ²) - cable stiffness: solid Control circuit: screw clamp terminals 2 0.00... 0.01 in ² (1...4 mm ²) - cable stiffness: solid Control circuit: screw clamp terminals 1 0.00... 0.01 in ² (1...4 mm ²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 0.00... 0.01 in ² (1...4 mm ²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 0.00... 0.01 in ² (1...4 mm ²) - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 0.00... 0.00 in ² (1...2.5 mm ²) - cable stiffness: flexible with cable end Power circuit: connector 1 0.01...0.08 in ² (4... 50 mm ²) - cable stiffness: solid Power circuit: connector 2 0.01...0.04 in ² (4... 25 mm ²) - cable stiffness: solid Power circuit: connector 1 0.01...0.08 in ² (4... 50 mm ²) - cable stiffness: flexible without cable end Power circuit: connector 2 0.01...0.04 in ² (4... 25 mm ²) - cable stiffness: flexible without cable end Power circuit: connector 1 0.01...0.08 in ² (4... 50 mm ²) - cable stiffness: flexible with cable end Power circuit: connector 2 0.01...0.02 in ² (4... 16 mm ²) - cable stiffness: flexible with cable end |
| Tightening torque | Power circuit 79.66 lbf.in (9 N.m) connector Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals |
| Maximum operating rate | 240 cyc/h |

Complementary

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| Auxiliary contacts type | Mechanically linked 1 NO + 2 NC IEC 60947-5-1 |
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Environment

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| IP degree of protection | IP20 front face IEC 60529 |
| Ambient Air Temperature for Operation | 23...140 °F (-5...60 °C) |
| Ambient Air Temperature for Storage | -76...176 °F (-60...80 °C) |
| Operating altitude | 0...9842.52 ft (0...3000 m) |
| 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 | 3389110060461 |
| Returnability | No |
| Country of origin | CZ |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.20 in (13.2 cm) |
| Package 1 Width | 6.69 in (17.0 cm) |
| Package 1 Length | 7.28 in (18.5 cm) |
| Package 1 Weight | 3.78 lb(US) (1.714 kg) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 4 |
| Package 2 Height | 11.81 in (30 cm) |
| Package 2 Width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |
| Package 2 Weight | 16.76 lb(US) (7.603 kg) |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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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