

Product data sheet

Specifications



Capacitor contactor, TeSys Deca, 63kVAR at 400/415V 50Hz, 120V AC 50/60Hz coil, screw clamp terminals

LC1DVK12G7

Product availability: Stock - Normally stocked in distribution facility

Main

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|---------------------------------------|--|
| Range | TeSys |
| Product name | TeSys LC1D.K TeSys Deca |
| Product or Component Type | Capacitor duty contactor |
| Device short name | LC1DVK |
| Device Application | Control |
| Contactor 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 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 | 120 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 UL CSA UKCA |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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| Connections - terminals | Control circuit: screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: solid Control circuit: screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: solid Control circuit: screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 0.002...0.004 in ² (1...2.5 mm ²) - cable stiffness: flexible with cable end Power circuit: connector 1 0.006...0.08 in ² (4...50 mm ²) - cable stiffness: solid Power circuit: connector 2 0.006...0.04 in ² (4...25 mm ²) - cable stiffness: solid Power circuit: connector 1 0.006...0.08 in ² (4...50 mm ²) - cable stiffness: flexible without cable end Power circuit: connector 2 0.006...0.04 in ² (4...25 mm ²) - cable stiffness: flexible without cable end Power circuit: connector 1 0.006...0.08 in ² (4...50 mm ²) - cable stiffness: flexible with cable end Power circuit: connector 2 0.006...0.02 in ² (4...16 mm ²) - cable stiffness: flexible with cable end |
| Tightening torque | Power circuit 79.7 lbf.in (9 N.m) connector 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 + 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 | 3.3 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 | US10I1222359 |
| Discount Schedule | 0112 |
| GTIN | 3389110487732 |
| Returnability | Yes |
| Country of origin | CZ |

Packing Units

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|-------------------------------|------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 7.3 in (18.5 cm) |
| Package 1 Width | 4.9 in (12.5 cm) |
| Package 1 Length | 6.5 in (16.5 cm) |

Package weight(Lbs) 4.0 lb(US) (1.8 kg)

Contractual warranty

Warranty 18 months



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

| | |
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| Carbon footprint (kg CO2 eq, Total Life cycle) | 1 |
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Use Better

Materials and Substances

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| Packaging made with recycled cardboard | Yes |
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| Packaging without single use plastic | Yes |
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| EU RoHS Directive | Compliant |
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|------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
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| 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 |
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Use Again

Repack and remanufacture

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| Circularity Profile | No need of specific recycling operations |
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| Take-back | No |
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| WEEE Label |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
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Technical Illustration

Assembly's dimensions

