

Product datasheet

Specifications



Capacitor contactor. TeSys D. 30 kVAR at 400 V/50 Hz. coil 400 V AC 50/60 Hz

LC1DPKV7

Price: 3,790.56 ZAR

Main

| | |
|---------------------------------------|---|
| Range | TeSys TeSys Deca |
| Product Name | TeSys LC1D.K TeSys Deca |
| Product Or Component Type | Capacitor duty contactor |
| Device Short Name | LC1DPK |
| 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 | Line interruption Inside delta interruption |
| [Ue] Rated Operational Voltage | Power circuit: 690 V AC 50/60 Hz |
| Reactive Power Rating | 17 kvar at 230 V AC 50 Hz 60 °C 30 kvar at 400 V AC 50 Hz 60 °C 32 kvar at 440 V AC 50 Hz 60 °C 50 kvar at 690 V AC 50 Hz 60 °C 16.5 kvar at 230 V AC 60 Hz 60 °C 33.3 kvar at 460 V AC 60 Hz 60 °C 40 kvar at 575 V AC 60 Hz 60 °C |
| Control Circuit Type | AC at 50/60 Hz |
| [Uc] Control Circuit Voltage | 400 V AC 50/60 Hz |
| Auxiliary Contact Composition | 1 NO + 2 NC instantaneous |
| Electrical Durability | 300000 cycles at Ue 400 V 200000 cycles at Ue 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 IEC 60335-1 |
| Product Certifications | IECEE CB Scheme UL CSA UKCA |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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|--------------------------------|--|
| Connections - Terminals | Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: solid Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: solid Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1...2.5 mm ² - cable stiffness: flexible with cable end Power circuit: EverLink BTR screw connectors 1 1...35 mm ² - cable stiffness: solid Power circuit: EverLink BTR screw connectors 2 1...25 mm ² - cable stiffness: solid Power circuit: EverLink BTR screw connectors 1 1...35 mm ² - cable stiffness: flexible with or without cable end Power circuit: EverLink BTR screw connectors 2 1...25 mm ² - cable stiffness: flexible with or without cable end |
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|--------------------------|---|
| Tightening Torque | Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 5 N.m - on EverLink BTR screw connectors - cable 1...25 mm ² Power circuit: 8 N.m - on EverLink BTR screw connectors - cable 35 mm ² |
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| Maximum Operating Rate | 240 cyc/h |
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Complementary

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| Auxiliary Contacts Type | type mechanically linked 1 NO + 2 NC conforming to IEC 60947-5-1 |
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Environment

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| Ip Degree Of Protection | IP20 front face conforming to IEC 60529 |
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| Ambient Air Temperature For Operation | -5...60 °C |
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| Ambient Air Temperature For Storage | -60...80 °C |
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| Operating Altitude | 0...3000 m |
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|---------------|--------|
| Height | 166 mm |
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| Width | 55 mm |
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| Depth | 156 mm |
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| Net Weight | 1.3 kg |
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Packing Units

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| Unit Type Of Package 1 | PCE |
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|-------------------------------------|---|
| Number Of Units In Package 1 | 1 |
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|-------------------------|------|
| Package 1 Height | 7 cm |
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| Package 1 Width | 20 cm |
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| Package 1 Length | 23 cm |
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| Package 1 Weight | 1.17 kg |
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| Unit Type Of Package 2 | S03 |
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|-------------------------------------|---|
| Number Of Units In Package 2 | 6 |
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| Package 2 Height | 30 cm |
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|------------------------|-------|
| Package 2 Width | 30 cm |
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| Package 2 Length | 40 cm |
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| Package 2 Weight | 7.733 kg |
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| Unit Type Of Package 3 | P06 |
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| Number Of Units In Package 3 | 48 |
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| Package 3 Height | 77 cm |
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| Package 3 Width | 80 cm |
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| Package 3 Length | 60 cm |
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| Package 3 Weight | 70.364 kg |
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Contractual warranty

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| Warranty | 18 months |
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

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

Circularity Profile

No need of specific recycling operations