سبا ادیسون تامین کننده تجهیزات برق صنعتی / ۲۱ ۳۵۰۰۰۰۰۱۲ داخلی ۴۲۰ ۹۱۲-۰۰ ۶۷ ۲۷ ۸ / ۴۰۰ داخلی Product datasheet

Specifications





Capacitor contactor, TeSys D, 16.7 kVAR at 400 V/50 Hz, coil 220 V AC 50/60 Hz

LC1DGKM7

Main

| Range | TeSys TeSys Deca | |
|--------------------------------|---|--|
| Product Name | TeSys LC1D.K TeSys Deca | |
| Product Or Component Type | Capacitor duty contactor | |
| Device Short Name | LC1DGK | |
| Device Application | Control | |
| Contactor 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 | 9.5 kvar at 230 V AC 50 Hz 60 °C 16.7 kvar at 400 V AC 50 Hz 60 °C 18 kvar at 440 V AC 50 Hz 60 °C 28.5 kvar at 690 V AC 50 Hz 60 °C | |
| Control Circuit Type | AC at 50/60 Hz | |
| [Uc] Control Circuit Voltage | 220 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 IEC 60335-1 | |
| Product Certifications | IECEE CB Scheme UKCA | |



| Connections - Terminals | Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid |
|-------------------------|---|
| | Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid |
| | Control circuit: screw clamp terminals 1 14 mm ² - cable stiffness: flexible without cable end |
| | Control circuit: screw clamp terminals 2 14 mm ² - cable stiffness: flexible without cable end |
| | Control circuit: screw clamp terminals 1 14 mm ² - cable stiffness: flexible with cable end |
| | Control circuit: screw clamp terminals 2 12.5 mm ² - cable stiffness: flexible with cable end |
| | Power circuit: screw clamp terminals 1 2.516 mm ² - cable stiffness: solid |
| | Power circuit: screw clamp terminals 2 2.56 mm ² - cable stiffness: solid |
| | Power circuit: screw clamp terminals 1 1.510 mm² - cable stiffness: flexible without cable end |
| | Power circuit: screw clamp terminals 2 1.56 mm ² - cable stiffness: flexible without cable end |
| | Power circuit: screw clamp terminals 1 110 mm² - cable stiffness: flexible with cable end |
| | Power circuit: screw clamp terminals 2 14 mm² - cable stiffness: flexible with cable end |
| Tightening Torque | Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 2.5 N.m - on screw clamp terminals |
| Maximum Operating Rate | 240 cyc/h |

Complementary

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

Environment

| Ip Degree Of Protection | IP20 front face conforming to IEC 60529 | |
|---------------------------------------|---|--|
| Ambient Air Temperature For Operation | -560 °C | |
| Ambient Air Temperature For Storage | -6080 °C | |
| Operating Altitude | 03000 m | |
| Height | 125 mm | |
| Width | 45 mm | |
| Depth | 127 mm | |
| Net Weight | 0.6 kg | |

Packing Units

| • | | |
|------------------------------|-----------|--|
| Unit Type Of Package 1 | PCE | |
| Number Of Units In Package 1 | 1 | |
| Package 1 Height | 6.800 cm | |
| Package 1 Width | 19.500 cm | |
| Package 1 Length | 22.800 cm | |
| Package 1 Weight | 599.000 g | |
| Unit Type Of Package 2 | S03 | |
| Number Of Units In Package 2 | 6 | |
| Package 2 Height | 30.000 cm | |
| Package 2 Width | 30.000 cm | |
| Package 2 Length | 40.000 cm | |
| Package 2 Weight | 4.075 kg | |
| Unit Type Of Package 3 | P06 | |

| Number Of Units In Package 3 | 48 |
|------------------------------|-----------|
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 40.600 kg |

Contractual warranty

Warranty 18 months

Sustainability Green Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass 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

| Ø | Reach Free Of Svhc | |
|----------|----------------------------|-----|
| ⊘ | Toxic Heavy Metal Free | |
| Ø | 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 |