

LC1DGKP7

Capacitor contactor, TeSys Deca, 16.7 kVAR
at 400 V/50 Hz, coil 230 V AC 50/60 Hz



The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.



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 |
| Contactors 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 230 V AC 50 Hz 140 °F (60 °C) 16.7 Kvar 400 V AC 50 Hz 140 °F (60 °C) 18 Kvar 440 V AC 50 Hz 140 °F (60 °C) 28.5 kvar 690 V AC 50 Hz 140 °F (60 °C) |
| Control circuit type | AC 50/60 Hz |
| [Uc] control circuit voltage | 230 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 IEC 60335-1 |
| Product Certifications | IECEE CB Scheme[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: screw clamp terminals 1 0.00... 0.02 in ² (2.5...16 mm ²) - cable stiffness: solid Power circuit: screw clamp terminals 2 0.00... 0.01 in ² (2.5...6 mm ²) - cable stiffness: solid Power circuit: screw clamp terminals 1 0.00... 0.02 in ² (1.5...10 mm ²) - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 2 0.00... 0.01 in ² (1.5...6 mm ²) - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 1 0.00... 0.02 in ² (1...10 mm ²) - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 0.00...0.01 in ² (1...4 mm ²) - cable stiffness: flexible with cable end |
| Tightening torque | Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 22.13 lbf.in (2.5 N.m) screw clamp terminals |
| Maximum operating rate | 240 cyc/h |

Complementary

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

Environment

| | |
|---------------------------------------|-----------------------------|
| 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 | 4.92 in (125 mm) |
| Width | 1.77 in (45 mm) |
| Depth | 5.00 in (127 mm) |
| Net Weight | 1.32 lb(US) (0.6 kg) |

Ordering and shipping details

| | |
|-------------------|---------------------------------|
| Category | 22354-CTR,TESYS D,OPEN,9-38A AC |
| Discount Schedule | I12 |
| GTIN | 3606480401817 |
| Returnability | No |
| Country of origin | FR |

Packing Units

| | |
|------------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.68 in (6.800 cm) |
| Package 1 Width | 7.68 in (19.500 cm) |
| Package 1 Length | 8.86 in (22.500 cm) |
| Package 1 Weight | 21.27 oz (603.000 g) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 11.81 in (30.000 cm) |
| Package 2 Width | 11.81 in (30.000 cm) |
| Package 2 Length | 15.75 in (40.000 cm) |
| Package 2 Weight | 9.01 lb(US) (4.085 kg) |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 48 |
| Package 3 Height | 29.53 in (75.000 cm) |
| Package 3 Width | 23.62 in (60.000 cm) |
| Package 3 Length | 31.50 in (80.000 cm) |
| Package 3 Weight | 89.68 lb(US) (40.680 kg) |

Offer Sustainability

| | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|