

# LC1DGKU7

Capacitor contactor, TeSys Deca, 16.7 kVAR  
at 400 V/50 Hz, coil 240 V AC 50/60 Hz



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## Main

|                                |   |
|--------------------------------|---|
| Range                          | TeSys<br>TeSys Deca   |
| Product name                   | TeSys LC1D.K<br>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)<br>16.7 Kvar 400 V AC 50 Hz 140 °F (60 °C)<br>18 Kvar 440 V AC 50 Hz 140 °F (60 °C)<br>28.5 kvar 690 V AC 50 Hz 140 °F (60 °C)   |
| Control circuit type           | AC 50/60 Hz   |
| [Uc] control circuit voltage   | 240 V AC 50/60 Hz   |
| Auxiliary contact composition  | 1 NO + 2 NC instantaneous   |
| Electrical durability          | 300000 Cycles 400 V<br>200000 cycles 690 V  |
| Mounting Support               | DIN rail<br>Plate   |
| Standards                      | EN/IEC 60947-1<br>EN/IEC 60947-4-1<br>IEC 60335-1   |
| Product Certifications         | IECEE CB Scheme[RETURN]UKCA   |
| Connections - terminals        | Control circuit: screw clamp terminals 1 0.00...<br>0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: solid<br>Control circuit: screw clamp terminals 2 0.00...<br>0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: solid<br>Control circuit: screw clamp terminals 1 0.00...<br>0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: flexible without<br>cable end<br>Control circuit: screw clamp terminals 2 0.00...<br>0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: flexible without<br>cable end<br>Control circuit: screw clamp terminals 1 0.00...<br>0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: flexible with<br>cable end<br>Control circuit: screw clamp terminals 2 0.00...<br>0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: flexible with<br>cable end<br>Power circuit: screw clamp terminals 1 0.00...<br>0.02 in <sup>2</sup> (2.5...16 mm <sup>2</sup> ) - cable stiffness: solid<br>Power circuit: screw clamp terminals 2 0.00...<br>0.01 in <sup>2</sup> (2.5...6 mm <sup>2</sup> ) - cable stiffness: solid<br>Power circuit: screw clamp terminals 1 0.00...<br>0.02 in <sup>2</sup> (1.5...10 mm <sup>2</sup> ) - cable stiffness: flexible<br>without cable end<br>Power circuit: screw clamp terminals 2 0.00...<br>0.01 in <sup>2</sup> (1.5...6 mm <sup>2</sup> ) - cable stiffness: flexible<br>without cable end<br>Power circuit: screw clamp terminals 1 0.00...<br>0.02 in <sup>2</sup> (1...10 mm <sup>2</sup> ) - cable stiffness: flexible with<br>cable end<br>Power circuit: screw clamp terminals 2 0.00...0.01 in <sup>2</sup><br>(1...4 mm <sup>2</sup> ) - cable stiffness: flexible with cable end |
| Tightening torque              | Control circuit 15.05 lbf.in (1.7 N.m) screw clamp<br>terminals<br>Power circuit 22.13 lbf.in (2.5 N.m) screw clamp<br>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              | 3606480401459                   |
| Returnability     | No                              |
| Country of origin | FR                              |

## Packing Units

|                              |                    |
|------------------------------|--------------------|
| Unit Type of Package 1       | PCE                |
| Number of Units in Package 1 | 1                  |
| Package 1 Height             | 2.76 in (7.0 cm)   |
| Package 1 Width              | 7.87 in (20.0 cm)  |
| Package 1 Length             | 9.06 in (23.0 cm)  |
| Package 1 Weight             | 19.58 oz (555.0 g) |

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | No need of specific recycling operations  |

## Contractual warranty

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