

# Product data sheet

Specifications



## Capacitor contactor, TeSys Deca, 40 kVAR at 400 V/50 Hz, coil 220 V AC 50/60 Hz

LC1DTKM7

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### Main

<b>Range</b>	TeSys TeSys Deca
<b>Product name</b>	TeSys LC1D.K TeSys Deca
<b>Product or Component Type</b>	Capacitor duty contactor
<b>Device short name</b>	LC1DTK
<b>Device Application</b>	Control
<b>Contactors application</b>	Power factor correction
<b>Utilisation category</b>	AC-6b
<b>Poles description</b>	3P
<b>power pole contact composition</b>	3 NO
<b>Device location in system</b>	Line interruption Inside delta interruption
<b>[Ue] rated operational voltage</b>	Power circuit 690 V AC 50/60 Hz
<b>Reactive power rating</b>	22 kvar 230 V AC 50 Hz 140 °F (60 °C) 40 kvar 400 V AC 50 Hz 140 °F (60 °C) 43 kvar 440 V AC 50 Hz 140 °F (60 °C) 67 kvar 690 V AC 50 Hz 140 °F (60 °C) 20 kvar 230 V AC 60 Hz 140 °F (60 °C) 40 kvar 460 V AC 60 Hz 140 °F (60 °C) 50 kvar 575 V AC 60 Hz 140 °F (60 °C)
<b>Control circuit type</b>	AC 50/60 Hz
<b>[Uc] control circuit voltage</b>	220 V AC 50/60 Hz
<b>Auxiliary contact composition</b>	1 NO + 2 NC instantaneous
<b>Electrical durability</b>	300000 cycles 400 V 200000 cycles 690 V
<b>Mounting Support</b>	DIN rail Plate
<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1 IEC 60335-1
<b>Product Certifications</b>	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.

<b>Connections - terminals</b>	Control circuit: screw clamp terminals 1 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: solid Control circuit: screw clamp terminals 2 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: solid Control circuit: screw clamp terminals 1 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 0.002...0.004 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) - cable stiffness: flexible with cable end Power circuit: EverLink BTR screw connectors 1 0.002...0.05 in <sup>2</sup> (1...35 mm <sup>2</sup> ) - cable stiffness: solid Power circuit: EverLink BTR screw connectors 2 0.002...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) - cable stiffness: solid Power circuit: EverLink BTR screw connectors 1 0.002...0.05 in <sup>2</sup> (1...35 mm <sup>2</sup> ) - cable stiffness: flexible with or without cable end Power circuit: EverLink BTR screw connectors 2 0.002...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) - cable stiffness: flexible with or without cable end
<b>Tightening torque</b>	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 44.3 lbf.in (5 N.m) EverLink BTR screw connectors 0.002...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) Power circuit 70.8 lbf.in (8 N.m) EverLink BTR screw connectors 0.05 in <sup>2</sup> (35 mm <sup>2</sup> )
<b>Maximum operating rate</b>	100 cyc/h

## Complementary

<b>Auxiliary contacts type</b>	Mechanically linked 1 NO + 2 NC IEC 60947-5-1
--------------------------------	---

## Environment

<b>IP degree of protection</b>	IP20 front face IEC 60529
<b>Ambient Air Temperature for Operation</b>	23...140 °F (-5...60 °C)
<b>Ambient Air Temperature for Storage</b>	-76...176 °F (-60...80 °C)
<b>Operating altitude</b>	0...9842.52 ft (0...3000 m)
<b>Height</b>	6.5 in (166 mm)
<b>Width</b>	2.2 in (55 mm)
<b>Depth</b>	6.1 in (156 mm)
<b>Net Weight</b>	2.9 lb(US) (1.3 kg)

## Ordering and shipping details

<b>Category</b>	US10I1222357
<b>Discount Schedule</b>	0112
<b>GTIN</b>	3606480401299
<b>Returnability</b>	No
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.638 in (6.700 cm)
<b>Package 1 Width</b>	7.874 in (20.000 cm)
<b>Package 1 Length</b>	8.937 in (22.700 cm)

<b>Package weight(Lbs)</b>	2.432 lb(US) (1.103 kg)
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	6
<b>Package 2 Height</b>	11.811 in (30.000 cm)
<b>Package 2 Width</b>	11.811 in (30.000 cm)
<b>Package 2 Length</b>	15.748 in (40.000 cm)
<b>Package 2 Weight</b>	15.853 lb(US) (7.191 kg)
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	48
<b>Package 3 Height</b>	29.528 in (75.000 cm)
<b>Package 3 Width</b>	23.622 in (60.000 cm)
<b>Package 3 Length</b>	31.496 in (80.000 cm)
<b>Package 3 Weight</b>	148.036 lb(US) (67.148 kg)

## Contractual warranty

<b>Warranty</b>	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

Carbon footprint (kg CO2 eq, Total Life cycle)	1
--	---

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
--	-----

Packaging without single use plastic	Yes
--------------------------------------	-----

<a href="#">EU RoHS Directive</a>	Compliant
-----------------------------------	-----------

REACH Regulation	<a href="#">REACH Declaration</a>
------------------	-----------------------------------

California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
---------------------------	--

## Use Again

### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
---------------------	--

Take-back	No
-----------	----

WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
------------	--

Technical Illustration

Assembly's dimensions

---

