

# Product datasheet

کلیک کنید

Specifications



## Capacitor contactor, TeSys D, 25 kVAR at 400 V/50 Hz, coil 220 V AC 50/60 Hz

LC1DMKM7

### 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>	LC1DMK
<b>Device Application</b>	Control
<b>Contactor 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>	14 kvar at 230 V AC 50 Hz 60 °C 25 kvar at 400 V AC 50 Hz 60 °C 27 kvar at 440 V AC 50 Hz 60 °C 42 kvar at 690 V AC 50 Hz 60 °C
<b>Control Circuit Type</b>	AC at 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 at Ue 400 V 200000 cycles at Ue 690 V
<b>Mounting Support</b>	DIN rail Plate
<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-4-1 IEC 60335-1
<b>Product Certifications</b>	IECEE CB Scheme 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 1...4 mm <sup>2</sup> - cable stiffness: solid Control circuit: screw clamp terminals 2 1...4 mm <sup>2</sup> - cable stiffness: solid Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup> - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...4 mm <sup>2</sup> - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup> - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1...2.5 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 1 2.5...16 mm <sup>2</sup> - cable stiffness: solid Power circuit: screw clamp terminals 2 2.5...6 mm <sup>2</sup> - cable stiffness: solid Power circuit: screw clamp terminals 1 1.5...10 mm <sup>2</sup> - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 2 1.5...6 mm <sup>2</sup> - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 1 1...10 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 1...4 mm <sup>2</sup> - cable stiffness: flexible with cable end
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<b>Tightening Torque</b>	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 2.5 N.m - on screw clamp terminals
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<b>Maximum Operating Rate</b>	240 cyc/h
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## Complementary

<b>Auxiliary Contacts Type</b>	type mechanically linked 1 NO + 2 NC conforming to IEC 60947-5-1
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## Environment

<b>Ip Degree Of Protection</b>	IP20 front face conforming to IEC 60529
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<b>Ambient Air Temperature For Operation</b>	-5...60 °C
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<b>Ambient Air Temperature For Storage</b>	-60...80 °C
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<b>Operating Altitude</b>	0...3000 m
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<b>Height</b>	125 mm
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<b>Width</b>	45 mm
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<b>Depth</b>	127 mm
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<b>Net Weight</b>	0.63 kg
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## Packing Units

<b>Unit Type Of Package 1</b>	PCE
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<b>Number Of Units In Package 1</b>	1
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<b>Package 1 Height</b>	7.000 cm
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<b>Package 1 Width</b>	19.500 cm
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<b>Package 1 Length</b>	23.000 cm
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<b>Package 1 Weight</b>	600.000 g
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<b>Unit Type Of Package 2</b>	S03
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<b>Number Of Units In Package 2</b>	6
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<b>Package 2 Height</b>	30.000 cm
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<b>Package 2 Width</b>	30.000 cm
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<b>Package 2 Length</b>	40.000 cm
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<b>Package 2 Weight</b>	4.077 kg
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<b>Unit Type Of Package 3</b>	P06
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<b>Number Of Units In Package 3</b>	48
<b>Package 3 Height</b>	75.000 cm
<b>Package 3 Width</b>	60.000 cm
<b>Package 3 Length</b>	80.000 cm
<b>Package 3 Weight</b>	42.500 kg

## **Contractual warranty**

<b>Warranty</b>	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-CO<sub>2</sub> 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