

Product datasheet

Specifications



Capacitor contactor, TeSys D, 30 kVAR at 400 V/50 Hz, coil 220 V AC 50/60 Hz

LC1DPKM7

Main

Range	TeSys TeSys Deca
product name	TeSys LC1D.K TeSys Deca
Product or component type	Capacitor duty contactor
Device short name	LC1DPK
Device application	Control
Contactor application	Power factor correction
Utilisation category	AC-6b
Poles description	3P
power pole contact composition	3 NO
Device location in system	Inside delta interruption Line interruption
[Ue] rated operational voltage	Power circuit: 690 V AC 50/60 Hz
Reactive power rating	17 kvar at 230 V AC 50 Hz 60 °C 30 kvar at 400 V AC 50 Hz 60 °C 32 kvar at 440 V AC 50 Hz 60 °C 50 kvar at 690 V AC 50 Hz 60 °C 16.5 kvar at 230 V AC 60 Hz 60 °C 33.3 kvar at 460 V AC 60 Hz 60 °C 40 kvar at 575 V AC 60 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 UL 60947-4-1 CSA C22.2 No 60947-4-1 IEC 60335-1
Product certifications	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.

Connections - terminals	Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: solid Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: solid Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1...2.5 mm ² - cable stiffness: flexible with cable end Power circuit: EverLink BTR screw connectors 1 1...35 mm ² - cable stiffness: solid Power circuit: EverLink BTR screw connectors 2 1...25 mm ² - cable stiffness: solid Power circuit: EverLink BTR screw connectors 1 1...35 mm ² - cable stiffness: flexible with or without cable end Power circuit: EverLink BTR screw connectors 2 1...25 mm ² - cable stiffness: flexible with or without cable end
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Tightening torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 5 N.m - on EverLink BTR screw connectors - cable 1...25 mm ² Power circuit: 8 N.m - on EverLink BTR screw connectors - cable 35 mm ²
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Maximum operating rate	240 cyc/h
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Complementary

Auxiliary contacts type	type mechanically linked 1 NO + 2 NC conforming to IEC 60947-5-1
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Environment

IP degree of protection	IP20 front face conforming to IEC 60529
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Ambient air temperature for operation	-5...60 °C
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Ambient air temperature for storage	-60...80 °C
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Operating altitude	0...3000 m
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Height	166 mm
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Width	55 mm
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Depth	156 mm
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Product weight	1.3 kg
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	7.000 cm
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Package 1 Width	20.000 cm
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Package 1 Length	23.000 cm
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Package 1 Weight	1.108 kg
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Unit Type of Package 2	S03
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Number of Units in Package 2	6
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Package 2 Height	30.000 cm
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Package 2 Width	30.000 cm
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Package 2 Length	40.000 cm
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Package 2 Weight	7.173 kg
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Unit Type of Package 3	P06
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Number of Units in Package 3	48
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Package 3 Height	75.000 cm
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Package 3 Width	60.000 cm
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Package 3 Length	80.000 cm
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Package 3 Weight	67.388 kg
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Contractual warranty

Warranty	18 months
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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.eq.CO2 per CR, Total Life cycle) **53**

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

China RoHS Regulation [China RoHS declaration](#)

Use Again

Repack and remanufacture

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**

Take-back **No**