

Product data sheet

Specifications



Capacitor contactor, TeSys Deca, 63kVAR at 400/415V 50Hz, 120V AC 50/60Hz coil, screw clamp terminals

LC1DVK12G7

Main

Range	TeSys
Product name	TeSys LC1D.K TeSys Deca
Product or component type	Capacitor duty contactor
Device short name	LC1DVK
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	35 kvar 230 V AC 50 Hz 140.0000000000 °F (60 °C) 63 kvar 400 V AC 50 Hz 140.0000000000 °F (60 °C) 67 kvar 440 V AC 50 Hz 140.0000000000 °F (60 °C) 104 kvar 690 V AC 50 Hz 140.0000000000 °F (60 °C) 30 kvar 230 V AC 60 Hz 140.0000000000 °F (60 °C) 60 kvar 460 V AC 60 Hz 140.0000000000 °F (60 °C) 80 kvar 575 V AC 60 Hz 140.0000000000 °F (60 °C)
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	120 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 UL 60947-4-1 CSA C22.2 No 60947-4-1
Product certifications	IECEE CB Scheme UL CSA UKCA

Disclaimer: 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

Connections - terminals	Control circuit: screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: solid Control circuit: screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: solid Control circuit: screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 0.002...0.006 in ² (1...4 mm ²) - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 0.002...0.004 in ² (1...2.5 mm ²) - cable stiffness: flexible with cable end Power circuit: connector 1 0.006...0.08 in ² (4...50 mm ²) - cable stiffness: solid Power circuit: connector 2 0.006...0.04 in ² (4...25 mm ²) - cable stiffness: solid Power circuit: connector 1 0.006...0.08 in ² (4...50 mm ²) - cable stiffness: flexible without cable end Power circuit: connector 2 0.006...0.04 in ² (4...25 mm ²) - cable stiffness: flexible without cable end Power circuit: connector 1 0.006...0.08 in ² (4...50 mm ²) - cable stiffness: flexible with cable end Power circuit: connector 2 0.006...0.02 in ² (4...16 mm ²) - cable stiffness: flexible with cable end
Tightening torque	Power circuit 79.7 lbf.in (9 N.m) connector Control circuit 15.05 lbf.in (1.7 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
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Environment

IP degree of protection	IP20 front face IEC 60529
Ambient air temperature for operation	23.0000000000...140.0000000000 °F (-5...60 °C)
Ambient air temperature for storage	-76.0000000000...176.0000000000 °F (-60...80 °C)
Operating altitude	0...3000 m
Height	7.09 in (180 mm)
Width	3.3 in (85 mm)
Depth	6.06 in (154 mm)
Net weight	3.64 lb(US) (1.65 kg)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.3 in (18.5 cm)
Package 1 Width	4.9 in (12.5 cm)
Package 1 Length	6.5 in (16.5 cm)
Package 1 Weight	4.0 lb(US) (1.8 kg)

Contractual warranty

Warranty	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-CO₂ 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