

Product datasheet

Specifications



Capacitor contactor. TeSys D.
12.5 kVAR at 400 V/50 Hz. coil
400 V AC 50/60 Hz

LC1DFKV7

Price: 1,973.76 ZAR

Main

Range	TeSys TeSys Deca
Product Name	TeSys LC1D.K TeSys Deca
Product Or Component Type	Capacitor duty contactor
Device Short Name	LC1DFK
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	7 kvar at 230 V AC 50 Hz 60 °C 12.5 kvar at 400 V AC 50 Hz 60 °C 13 kvar at 440 V AC 50 Hz 60 °C 21 kvar at 690 V AC 50 Hz 60 °C
Control Circuit Type	AC at 50/60 Hz
[Uc] Control Circuit Voltage	400 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 IEC 60335-1
Product Certifications	IECEE CB Scheme UKCA

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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: screw clamp terminals 1 1.5...6 mm ² - cable stiffness: solid Power circuit: screw clamp terminals 2 1.5...4 mm ² - cable stiffness: solid Power circuit: screw clamp terminals 1 1.5...6 mm ² - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 2 1.5...6 mm ² - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 1 1.5...6 mm ² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 1.5...4 mm ² - cable stiffness: flexible with cable end
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Tightening Torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 1.7 N.m - on screw clamp terminals
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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	115 mm
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Width	45 mm
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Depth	121 mm
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Net Weight	0.53 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	6.800 cm
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Package 1 Width	19.500 cm
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Package 1 Length	22.500 cm
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Package 1 Weight	541.000 g
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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	3.730 kg
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Unit Type Of Package 3	P06
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Number Of Units In Package 3	48
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	37.840 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