Product data sheet

Specification





Capacitor contactor, TeSys Deca, 16.7 kVAR at 400 V/50 Hz, coil 220 V AC 50/60 Hz

LC1DGKM7

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

Price*: 571.20 USD

Main

Range	TeSys TeSys Deca
Product Name	TeSys LC1D.K TeSys Deca
Product Or Component Type	Capacitor duty contactor
Device Short Name	LC1DGK
Device Application	Control
Contactor 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	9.5 kvar 230 V AC 50 Hz 140 °F (60 °C) 16.7 kvar 400 V AC 50 Hz 140 °F (60 °C) 18 kvar 440 V AC 50 Hz 140 °F (60 °C) 28.5 kvar 690 V AC 50 Hz 140 °F (60 °C)
Control Circuit Type	AC 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 400 V 200000 cycles 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Maximum Operating Rate	240 cyc/h
Tightening Torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 22.13 lbf.in (2.5 N.m) screw clamp terminals
	Power circuit: screw clamp terminals 2 0.000.01 in² (14 mm²) - cable stiffness: flexible with cable end
	flexible with cable end
	Power circuit: screw clamp terminals 1 0.000.02 in² (110 mm²) - cable stiffness:
	flexible without cable end
	Power circuit: screw clamp terminals 2 0.000.01 in² (1.56 mm²) - cable stiffness:
	Power circuit: screw clamp terminals 1 0.000.02 in² (1.510 mm²) - cable stiffness: flexible without cable end
	solid
	Power circuit: screw clamp terminals 2 0.000.01 in² (2.56 mm²) - cable stiffness:
	stiffness: solid
	Power circuit: screw clamp terminals 1 0.000.02 in² (2.516 mm²) - cable
	Control circuit: screw clamp terminals 2 0.000.00 in ² (12.5 mm ²) - cable stiffness: flexible with cable end
	flexible with cable end
	Control circuit: screw clamp terminals 1 0.000.01 in² (14 mm²) - cable stiffness:
	flexible without cable end
	Control circuit: screw clamp terminals 2 0.000.01 in² (14 mm²) - cable stiffness:
	flexible without cable end
	Control circuit: screw clamp terminals 1 0.000.01 in² (14 mm²) - cable stiffness:
	solid
Connections - Terminals	Control circuit: screw clamp terminals 2 0.000.01 in² (14 mm²) - cable stiffness:
	Control circuit: screw clamp terminals 1 0.000.01 in² (14 mm²) - cable stiffness: solid

Complementary

Auxiliary Contacts Type Mechanically linked 1 NO + 2 NC IEC 60947-5-1

Environment

Ip Degree Of Protection	IP20 front face IEC 60529
Ambient Air Temperature For Operation	23140 °F (-560 °C)
Ambient Air Temperature For Storage	-76176 °F (-6080 °C)
Operating Altitude	09842.52 ft (03000 m)
Height	4.92 in (125 mm)
Width	1.77 in (45 mm)
Depth	5.00 in (127 mm)
Net Weight	1.32 lb(US) (0.6 kg)

Ordering and shipping details

Category	US10I1222354
Discount Schedule	0112
Gtin	3606480401800
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.68 in (6.800 cm)
Package 1 Width	7.68 in (19.500 cm)

Package 1 Length	8.98 in (22.800 cm)
Package 1 Weight	21.13 oz (599.000 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	6
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	8.98 lb(US) (4.075 kg)
Unit Type Of Package 3	P06
Number Of Units In Package 3	48
Package 3 Height	29.53 in (75.000 cm)
Package 3 Width	23.62 in (60.000 cm)
Package 3 Length	31.50 in (80.000 cm)
Package 3 Weight	89.51 lb(US) (40.600 kg)

Contractual warranty

Warranty 18 months

Sustainability Screen Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass 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

Ø	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
Ø	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
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov