Product data sheet

Specifications

Capacitor contactor, Tesys Deca, 63kVAR at 400/415V 50Hz, 220V AC 50/60Hz coil, screw clamp terminals

LC1DWK12M7

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

Price*: 1,550.00 USD

Main

Range	TeSys
Product Name	TeSys LC1D.K TeSys Deca
Product Or Component Type	Capacitor duty contactor
Device Short Name	LC1DWK
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	35 kvar 230 V AC 50 Hz 140 °F (60 °C) 63 kvar 400 V AC 50 Hz 140 °F (60 °C) 67 kvar 440 V AC 50 Hz 140 °F (60 °C) 104 kvar 690 V AC 50 Hz 140 °F (60 °C) 30 kvar 230 V AC 60 Hz 140 °F (60 °C) 60 kvar 460 V AC 60 Hz 140 °F (60 °C) 80 kvar 575 V AC 60 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 UL 60947-4-1 CSA C22.2 No 60947-4-1
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.

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 0.00…0.01 in² (1…4 mm²) - cable stiffness: solid Control circuit: screw clamp terminals 2 0.00…0.01 in² (1…4 mm²) - cable stiffness: solid Control circuit: screw clamp terminals 1 0.00…0.01 in² (1…4 mm²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 0.00…0.01 in² (1…4 mm²) - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 0.00…0.01 in² (1…4 mm²) - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 0.00…0.00 in² (1…2.5 mm²) - cable stiffness: flexible with cable end Power circuit: connector 1 0.01…0.08 in² (4…50 mm²) - cable stiffness: solid Power circuit: connector 2 0.01…0.04 in² (4…25 mm²) - cable stiffness: solid Power circuit: connector 1 0.01…0.08 in² (4…50 mm²) - cable stiffness: flexible without cable end Power circuit: connector 2 0.01…0.04 in² (4…25 mm²) - cable stiffness: flexible without cable end Power circuit: connector 1 0.01…0.08 in² (4…50 mm²) - cable stiffness: flexible with cable end Power circuit: connector 2 0.01…0.02 in² (4…16 mm²) - cable stiffness: flexible with cable end
Tightening Torque	Power circuit 79.66 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

Environment

Ip Degree Of Protection	IP20 front face IEC 60529
Ambient Air Temperature For Operation	23…140 °F (-5…60 °C)
Ambient Air Temperature For Storage	-76…176 °F (-60…80 °C)
Operating Altitude	0...9842.52 ft (0...3000 m)
Height	7.09 in (180 mm)
Width	3.35 in (85 mm)
Depth	6.06 in (154 mm)
Net Weight	3.64 lb(US) (1.65 kg)

Ordering and shipping details

Category	US10I1222359
Discount Schedule	0I12
Gtin	3389110060539
Returnability	No
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.12 in (13.000 cm)
Package 1 Width	6.69 in (17.000 cm)
Package 1 Length	7.48 in (19.000 cm)

Package 1 Weight	3.94 lb(US) (1.786 kg)
Unit Type Of Package 2	S04
Number Of Units In Package 2	12
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	48.68 lb(US) (22.082 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	31.50 in (80.000 cm)
Package 3 Length	23.62 in (60.000 cm)
Package 3 Weight	212.37 lb(US) (96.328 kg)

Contractual warranty

Warranty	18 months

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_2 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
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