



Capacitor contactor, Tesys Deca, 40kVAR at 400/415V 50Hz, 120V AC 50/60Hz coil

LC1DTKG7

! Discontinued on: Jul 12, 2021



Main

Range	TeSys	
Product name	TeSys LC1D.K TeSys Deca	
Product or Component Type	Capacitor duty contactor	
Device short name	LC1DTK	
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	22 kvar 230 V AC 50 Hz 140 °F (60 °C) 40 kvar 400 V AC 50 Hz 140 °F (60 °C) 43 kvar 440 V AC 50 Hz 140 °F (60 °C) 67 kvar 690 V AC 50 Hz 140 °F (60 °C) 20 kvar 230 V AC 60 Hz 140 °F (60 °C) 40 kvar 460 V AC 60 Hz 140 °F (60 °C) 50 kvar 575 V AC 60 Hz 140 °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	

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 0.0020.006 in² (14 mm²) - cable stiffness: solid
	Control circuit: screw clamp terminals 2 0.0020.006 in² (14 mm²) - cable stiffness: solid
	Control circuit: screw clamp terminals 1 0.0020.006 in² (14 mm²) - cable stiffness: flexible without cable end
	Control circuit: screw clamp terminals 2 0.0020.006 in² (14 mm²) - cable stiffness: flexible without cable end
	Control circuit: screw clamp terminals 1 0.0020.006 in² (14 mm²) - cable stiffness: flexible with cable end
	Control circuit: screw clamp terminals 2 0.0020.004 in² (12.5 mm²) - cable stiffness: flexible with cable end
	Power circuit: EverLink BTR screw connectors 1 0.0020.05 in ² (135 mm ²) - cable stiffness: solid
	Power circuit: EverLink BTR screw connectors 2 0.0020.04 in ² (125 mm ²) - cable stiffness: solid
	Power circuit: EverLink BTR screw connectors 1 0.0020.05 in ² (135 mm ²) - cable stiffness: flexible with or without cable end
	Power circuit: EverLink BTR screw connectors 2 $0.0020.04$ in 2 $(125$ mm $^2)$ - cable stiffness: flexible with or without cable end
Tightening torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals
	Power circuit 44.3 lbf.in (5 N.m) EverLink BTR screw connectors 0.0020.04 in ² (1 25 mm ²)
	Power circuit 70.8 lbf.in (8 N.m) EverLink BTR screw connectors 0.05 in² (35 mm²)
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	23140 °F (-560 °C)	
Ambient Air Temperature for Storage	-76176 °F (-6080 °C)	
Operating altitude	09842.52 ft (03000 m)	
Height	6.5 in (166 mm)	
Width	2.2 in (55 mm)	
Depth	6.1 in (156 mm)	
Net Weight	2.9 lb(US) (1.3 kg)	

Ordering and shipping details

Category	22357-CTR,TESYS D,OPEN,40-65A AC	
Discount Schedule	l12	
GTIN	3606480401725	
Returnability	No	
Country of origin	FR	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.8 in (7 cm)
Package 1 Width	7.9 in (20 cm)
Package 1 Length	9.06 in (23 cm)

Package 1 Weight

2.58 lb(US) (1.17 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	
②	Toxic Heavy Metal Free	
Ø	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Eu Rohs Directive	Compliant
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
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.
California Proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov