Product datasheet

Specifications

Green Premium™

Discontinued

Capacitor contactor, Tesys Deca, 40kVAR at 400/415V 50Hz, 380V AC 50/60Hz coil, EverLink BTR screw terminals

LC1DTKQ7

Discontinued on: 1 Nov 2023

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 at 230 V AC 50 Hz 60 °C 40 kvar at 400 V AC 50 Hz 60 °C 43 kvar at 440 V AC 50 Hz 60 °C 67 kvar at 690 V AC 50 Hz 60 °C 20 kvar at 230 V AC 60 Hz 60 °C 40 kvar at 460 V AC 60 Hz 60 °C 50 kvar at 575 V AC 60 Hz 60 °C
Control Circuit Type	AC at 50/60 Hz
[Uc] Control Circuit Voltage	380 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 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 1…4 mm² - cable stiffness: solid Control circuit: screw clamp terminals 2 1…4 mm² - cable stiffness: solid Control circuit: screw clamp terminals 1 1…4 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1…4 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1…4 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1…2.5 mm² - cable stiffness: flexible with cable end Power circuit: EverLink BTR screw connectors 1 1…35 mm² - cable stiffness: solid Power circuit: EverLink BTR screw connectors 2 1…25 mm² - cable stiffness: solid Power circuit: EverLink BTR screw connectors 1 1…35 mm² - cable stiffness: flexible with or without cable end Power circuit: EverLink BTR screw connectors 2 1…25 mm² - cable stiffness: flexible with or without cable end
Tightening Torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 5 N.m - on EverLink BTR screw connectors - cable 1…25 mm² Power circuit: 8 N.m - on EverLink BTR screw connectors - cable 35 mm²
Maximum Operating Rate	240 cyc/h

Complementary

Auxiliary Contacts Type	type mechanically linked 1 NO + 2 NC conforming to IEC 60947-5-1

Environment

Ip Degree Of Protection	IP20 front face conforming to IEC 60529
Ambient Air Temperature For Operation	-5…60 °C
Ambient Air Temperature For Storage	-60…80 °C
Operating Altitude	0...3000 m
Height	166 mm
Width	55 mm
Depth	156 mm
Net Weight	1.3 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	20.0 cm
Package 1 Length	23.0 cm
Package 1 Weight	1.17 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