Product datasheet

Specifications

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

LC1DTK12Q7

Discontinued on: Jan 23, 2021

Discontinued

Main

Range	TeSys
Product Name	TeSys LC1D.K TeSys Deca
Product Or Component Type	Capacitor duty contactor
Device Short Name	LC1DTK
Contactor Application	Power factor correction
Poles Description	3P
Power Pole Contact Composition	3 NO
[Ue] Rated Operational Voltage	Power circuit: <= 690 V AC 50/60 Hz
Reactive Power Rating	25 kvar at 220…240 V AC 50/60 Hz 55 °C 40 kvar at 400…440 V AC 50/60 Hz 55 °C 58 kvar at 660…690 V AC 50/60 Hz 55 °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
Mounting Support	Rail Plate
Standards	IEC 60831 VDE 0560 NF C 54-100 IEC 60070
Product Certifications	CSA UL
Connections - Terminals	Power circuit: connector 1 2.5 mm² - cable stiffness: flexible with cable end Power circuit: connector 1 4 mm² - cable stiffness: solid with cable end Power circuit: connector 2 1.5 mm² - cable stiffness: flexible with cable end Power circuit: connector 2 4 mm² - cable stiffness: solid with cable end
Tightening Torque	Power circuit: 5 N.m - on connector

Complementary

Auxiliary Contacts Type	type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1 type mirror contact 1 NC conforming to IEC 60947-4-1

Environment

Ip Degree Of Protection	IP2X conforming to IEC 60529 IP2X conforming to VDE 0106
Protective Treatment	TH conforming to IEC 60068-2-30

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

Ambient Air Temperature For Operation	-5…60 °C
Ambient Air Temperature For Storage	-60…80 °C
Operating Altitude	0...3000 m
Height	180 mm
Width	75 mm
Depth	150 mm
Net Weight	1.3 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	19 cm
Package 1 Width	13.5 cm
Package 1 Length	17 cm
Package 1 Weight	1.645 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} 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

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