Product datasheet

Specifications

Capacitor contactor, Tesys Deca, 30kVAR at 400/415V 50Hz, 400V AC 50/60Hz coil, EverLink BTR screw terminals

LC1DPKV7

Main

Range	TeSys TeSys Deca
Product Name	TeSys LC1D.K TeSys Deca
Product Or Component Type	Capacitor duty contactor
Device Short Name	LC1DPK
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	Line interruption Inside delta interruption
[Ue] Rated Operational Voltage	Power circuit: 690 V AC 50/60 Hz
Reactive Power Rating	17 kvar at 230 V AC 50 Hz 60 °C 30 kvar at 400 V AC 50 Hz 60 °C 32 kvar at 440 V AC 50 Hz 60 °C 50 kvar at 690 V AC 50 Hz 60 °C 16.5 kvar at 230 V AC 60 Hz 60 °C 33.3 kvar at 460 V AC 60 Hz 60 °C 40 kvar at 575 V AC 60 Hz 60 °C
Control Circuit Type	AC at 50/60 Hz
[Uc] Control Circuit Voltage	400 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 IEC 60335-1
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 cm
Package 1 Width	20 cm
Package 1 Length	23 cm
Package 1 Weight	1.17 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	6
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.733 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	48
Package 3 Height	77 cm

Package 3 Width	80 cm
Package 3 Length	60 cm
Package 3 Weight	70.364 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