Product datasheet

Specifications

Green Premium™

Capacitor contactor, TeSys D, 30 kVAR at 400 V/50 Hz, coil 400 V AC 50/60 Hz

Local distributor code:
398335429   LC1DPKV7

EAN Code: 3606480401282

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

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™

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