Product datasheet

Specifications





Capacitor contactor. TeSys D. 63 kVAR at 400 V/50 Hz. coil 400 V AC 50/60 Hz

LC1DWK12V7

Main

Mairi	
Range	TeSys
Product Name	TeSys LC1D.K TeSys Deca
Product Or Component Type	Capacitor duty contactor
Device Short Name	LC1DWK
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	35 kvar at 230 V AC 50 Hz 60 °C 63 kvar at 400 V AC 50 Hz 60 °C 67 kvar at 440 V AC 50 Hz 60 °C 104 kvar at 690 V AC 50 Hz 60 °C 30 kvar at 230 V AC 60 Hz 60 °C 60 kvar at 460 V AC 60 Hz 60 °C 80 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
Product Certifications	IECEE CB Scheme UL CSA UKCA

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"



Connections - Terminals	Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without
	cable end
	Control circuit: screw clamp terminals 2 14 mm ² - cable stiffness: flexible without cable end
	Control circuit: screw clamp terminals 1 14 mm ² - cable stiffness: flexible with cable end
	Control circuit: screw clamp terminals 2 12.5 mm ² - cable stiffness: flexible with cable end
	Power circuit: connector 1 450 mm² - cable stiffness: solid
	Power circuit: connector 2 425 mm² - cable stiffness: solid
	Power circuit: connector 1 450 mm ² - cable stiffness: flexible without cable end
	Power circuit: connector 2 425 mm² - cable stiffness: flexible without cable end
	Power circuit: connector 1 450 mm ² - cable stiffness: flexible with cable end
	Power circuit: connector 2 416 mm² - cable stiffness: flexible with cable end
Tightening Torque	Power circuit: 9 N.m - on connector
Manipular Out and the a Bata	Control circuit: 1.7 N.m - on screw clamp terminals
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	-560 °C
Ambient Air Temperature For Storage	-6080 °C
Operating Altitude	03000 m
Height	180 mm
Width	85 mm
Depth	154 mm
Net Weight	1.65 kg

Packing Units

Unit Type Of Package 1 PCE Number Of Units In Package 1 1 Package 1 Height 21.000 cm Package 1 Width 11.500 cm Package 1 Length 12.000 cm Package 1 Weight 1.440 kg Unit Type Of Package 2 S03 Number Of Units In Package 2 4 Package 2 Height 30.000 cm Package 2 Width 30.000 cm Package 2 Length 40.000 cm Package 2 Weight 7.937 kg		
Package 1 Height 21.000 cm Package 1 Width 11.500 cm Package 1 Length 12.000 cm Package 1 Weight 1.440 kg Unit Type Of Package 2 S03 Number Of Units In Package 2 4 Package 2 Height 30.000 cm Package 2 Width 30.000 cm Package 2 Length 40.000 cm	Unit Type Of Package 1	PCE
Package 1 Width 11.500 cm Package 1 Length 12.000 cm Package 1 Weight 1.440 kg Unit Type Of Package 2 S03 Number Of Units In Package 2 4 Package 2 Height 30.000 cm Package 2 Width 30.000 cm Package 2 Length 40.000 cm	Number Of Units In Package 1	1
Package 1 Length 12.000 cm Package 1 Weight 1.440 kg Unit Type Of Package 2 S03 Number Of Units In Package 2 4 Package 2 Height 30.000 cm Package 2 Width 30.000 cm Package 2 Length 40.000 cm	Package 1 Height	21.000 cm
Package 1 Weight 1.440 kg Unit Type Of Package 2 S03 Number Of Units In Package 2 4 Package 2 Height 30.000 cm Package 2 Width 30.000 cm Package 2 Length 40.000 cm	Package 1 Width	11.500 cm
Unit Type Of Package 2 S03 Number Of Units In Package 2 4 Package 2 Height 30.000 cm Package 2 Width 30.000 cm Package 2 Length 40.000 cm	Package 1 Length	12.000 cm
Number Of Units In Package 2 4 Package 2 Height 30.000 cm Package 2 Width 30.000 cm Package 2 Length 40.000 cm	Package 1 Weight	1.440 kg
Package 2 Height 30.000 cm Package 2 Width 30.000 cm Package 2 Length 40.000 cm	Unit Type Of Package 2	S03
Package 2 Width 30.000 cm Package 2 Length 40.000 cm	Number Of Units In Package 2	4
Package 2 Length 40.000 cm	Package 2 Height	30.000 cm
	Package 2 Width	30.000 cm
Package 2 Weight 7.937 kg	Package 2 Length	40.000 cm
	Package 2 Weight	7.937 kg

Contractual warranty

Warranty 18 months



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

⊘	Reach Free Of Svhc	
9	Toxic Heavy Metal Free	
②	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