# سبا ادیسون تامین کننده تجهیزات برق صنعتی / ۲۱ ۳۵۰۰۰۰۰۱۲ داخلی ۴۲۰ ۹۱۲-۰۰ ۶۷ ۲۷ ۸ / ۴۰۰ داخلی Product datasheet

Specifications





### Capacitor contactor, TeSys D, 12.5 kVAR at 400 V/50 Hz, coil 220 V AC 50/60 Hz

LC1DFKM7

#### Main

Range	TeSys TeSys Deca
Product Name	TeSys LC1D.K TeSys Deca
Product Or Component Type	Capacitor duty contactor
Device Short Name	LC1DFK
Device Application	Control
Contactor Application	Power factor correction
Utilisation Category	AC-6b
Poles Description	3P
Power Pole Contact Composition	3 NO
[Ue] Rated Operational Voltage	Power circuit: 690 V AC 50/60 Hz
Reactive Power Rating	7 kvar at 230 V AC 50 Hz 60 °C 12.5 kvar at 400 V AC 50 Hz 60 °C 13 kvar at 440 V AC 50 Hz 60 °C 21 kvar at 690 V AC 50 Hz 60 °C
Control Circuit Type	AC at 50/60 Hz
[Uc] Control Circuit Voltage	220 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 IEC 60335-1
Product Certifications	IECEE CB Scheme UKCA



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 mm <sup>2</sup> - cable stiffness: flexible without cable end
	Control circuit: screw clamp terminals 2 14 mm <sup>2</sup> - cable stiffness: flexible without cable end
	Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible with cable end
	Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible with cable end
	Power circuit: screw clamp terminals 1 1.56 mm <sup>2</sup> - cable stiffness: solid
	Power circuit: screw clamp terminals 2 1.54 mm <sup>2</sup> - cable stiffness: solid
	Power circuit: screw clamp terminals 1 1.56 mm <sup>2</sup> - cable stiffness: flexible without cable end
	Power circuit: screw clamp terminals 2 1.56 mm <sup>2</sup> - cable stiffness: flexible without cable end
	Power circuit: screw clamp terminals 1 1.56 mm <sup>2</sup> - cable stiffness: flexible with cable end
	Power circuit: screw clamp terminals 2 1.54 mm <sup>2</sup> - cable stiffness: flexible with cable end
Tightening Torque	Control circuit: 1.7 N.m - on screw clamp terminals Power 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	115 mm
Width	45 mm
Depth	121 mm
Net Weight	0.53 kg

# **Packing Units**

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.800 cm
Package 1 Width	20.000 cm
Package 1 Length	22.400 cm
Package 1 Weight	538.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.717 kg
Unit Type Of Package 3	P06

Number Of Units In Package 3	48
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	37.736 kg

# **Contractual warranty**

Warranty 18 months

#### Sustainability Green Premium\*

**Green Premium**<sup>TM</sup> **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-CO<sub>2</sub> 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

<b>Ø</b>	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
<b>②</b>	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

