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 mm ² - cable stiffness: solid	
	Control circuit: screw clamp terminals 2 14 mm ² - cable stiffness: solid	
	Control circuit: screw clamp terminals 2 14 mm ² - 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: screw clamp terminals 1 1.56 mm ² - cable stiffness: solid	
	Power circuit: screw clamp terminals 2 1.54 mm ² - cable stiffness: solid	
	Power circuit: screw clamp terminals 1 1.56 mm ² - cable stiffness: flexible without cable end	
	Power circuit: screw clamp terminals 2 1.5…6 mm ² - cable stiffness: flexible without cable end	
	Power circuit: screw clamp terminals 1 1.56 mm ² - cable stiffness: flexible with cable end	
	Power circuit: screw clamp terminals 2 1.54 mm ² - 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

-	
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

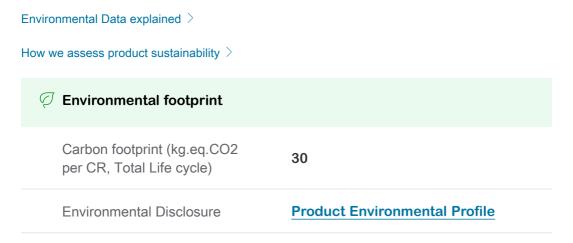
Contractual warranty

Warranty

18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.



Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration

Use Again

\bigcirc Repack and remanufacture	
Circularity Profile	No need of specific recycling operations

 WEEE
 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

 Take-back
 No