

Capacitor contactor, TeSys D, 25 kVAR at 400 V/50 Hz, coil 400 V AC 50/60 Hz

LC1DMKV7

Main

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Range	TeSys TeSys Deca	
product name	TeSys LC1D.K TeSys Deca	
Product or component type	Capacitor duty contactor	
Device short name	LC1DMK	
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	Inside delta interruption Line interruption	
[Ue] rated operational voltage	Power circuit: 690 V AC 50/60 Hz	
Reactive power rating	14 kvar at 230 V AC 50 Hz 60 °C 25 kvar at 400 V AC 50 Hz 60 °C 27 kvar at 440 V AC 50 Hz 60 °C 42 kvar at 690 V AC 50 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 IEC 60335-1	
Product certifications	IECEE CB Scheme UKCA	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 mm² - cable stiffness: flexible without cable end		
		Control circuit: screw clamp terminals 2 12.5 mm ² - cable stiffness: flexible with cable end	
	Power circuit: screw clamp terminals 1 2.516 mm ² - cable stiffness: solid		
	Power circuit: screw clamp terminals 2 2.56 mm ² - cable stiffness: solid		
	Power circuit: screw clamp terminals 1 1.510 mm ² - cable stiffness: flexible without cable end		
	Power circuit: screw clamp terminals 2 1.56 mm ² - cable stiffness: flexible without cable end		
	Power circuit: screw clamp terminals 1 110 mm² - cable stiffness: flexible with cable end		
	Power circuit: screw clamp terminals 2 14 mm² - cable stiffness: flexible with cable end		
Tightening torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 2.5 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	125 mm	
Width	45 mm	
Depth	127 mm	
Net weight	0.63 kg	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7 cm
Package 1 Width	23 cm
Package 1 Length	20 cm
Package 1 Weight	615 g
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	4.088 kg

Contractual warranty

Warranty

Apr 5, 2025

18 months



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.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	33
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances		
Packaging made with recycled cardboard	Yes	
Packaging without single use plastic	Yes	
EU RoHS Directive	Compliant	
REACh Regulation	REACh Declaration	

Use Again

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins