

LC1DMKN7

TeSys LC1D.K capacitor duty contactor - 3P - 25
kVAR - 415 V - 415 V AC coil



Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DMK
Contactor application	Power factor correction
Utilisation category	AC-6B
Poles description	3P
Pole contact composition	3 NO
Device location in system	Line interruption Inside delta interruption
[Ue] rated operational voltage	<= 690 V AC 50/60 Hz for power circuit
Reactive power rating	14 kvar at 230 V AC 50/60 Hz <= 60 °C 25 kvar at 400...415 V AC 50/60 Hz <= 60 °C 42 kvar at 660...690 V AC 50/60 Hz <= 60 °C 27 kvar at 440 V AC 50/60 Hz <= 60 °C
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	415 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 2 NC for signalling circuit 3 NO early make for power circuit
Electrical durability	300000 cycles at Ue 400 V 200000 cycles at Ue 690 V
Mounting support	DIN rail Plate
Standards	IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1
Product certifications	CCC CSA IEC UL EAC KC
Connections - terminals	Control circuit : screw clamp terminals 2 cable(s) 1...2.5 mm ² - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals 1 cable(s) 1.5...10 mm ² - cable stiffness: flexible - without cable end Control circuit : screw clamp terminals 2 cable(s) 1...4 mm ² - cable stiffness: flexible - without cable end Control circuit : screw clamp terminals 1 cable(s) 1...4 mm ² - cable stiffness: solid - without cable end Control circuit : screw clamp terminals 2 cable(s) 1...4 mm ² - cable stiffness: solid - without cable end Power circuit : screw clamp terminals 1 cable(s) 1...10 mm ² - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals 2 cable(s) 1.5...6 mm ² - cable stiffness: flexible - without cable end Power circuit : screw clamp terminals 2 cable(s) 1...4 mm ² - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals 1 cable(s) 2.5...16 mm ² - cable stiffness: solid - without cable end Power circuit : screw clamp terminals 2 cable(s) 2.5...6 mm ² - cable stiffness: solid - without cable

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

	end Control circuit : screw clamp terminals 1 cable(s) 1...4 mm ² - cable stiffness: flexible - with or without cable end
Tightening torque	Control circuit : 1.7 N.m - on screw clamp terminals Power circuit : 2.5 N.m - on screw clamp terminals
Operating rate	240 cyc/h

Complementary

Auxiliary contacts type	Type mechanically linked (1 NO + 1 NC) conforming to IEC 60947-5-1 Type mirror contact (1 NC) conforming to IEC 60947-4-1
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Environment

IP degree of protection	IP2x conforming to IEC 60529 IP2x conforming to VDE 0106
protective treatment	TH conforming to IEC 60068-2-30
ambient air temperature for operation	-5...60 °C
ambient air temperature for storage	-60...80 °C
operating altitude	3000 m without derating in temperature
height	125 mm
width	45 mm
depth	127 mm
product weight	0.63 kg

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1739 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold