Product datasheet

Specifications

TeSys LC1D.K capacitor duty contactor - 3P - 16.7 kVAR - 415 V - 415 V AC coil

LC1DGK02N7

Discontinued

Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DGK
Contactor application	Power factor correction
Poles description	3P
power pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit: <= 690 V AC 50/60 Hz
Reactive power rating	16.7 kvar at 400…440 V AC 50/60 Hz 55 °C 24 kvar at 660…690 V AC 50/60 Hz 55 °C 8.5 kvar at 220…240 V AC 50/60 Hz 55 °C
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	415 V AC 50/60 Hz
Auxiliary contact composition	2 NC
Mounting support	Rail Plate
Standards	NF C 54-100 VDE 0560 IEC 60831 IEC 60070
Product certifications	UL CSA
Connections - terminals	Power circuit: connector 1 4 mm² - cable stiffness: flexible with cable end Power circuit: connector 1 6 mm² - cable stiffness: solid with cable end Power circuit: connector 2 2.5 mm² - cable stiffness: flexible with cable end Power circuit: connector 2 6 mm² - cable stiffness: solid with cable end
Tightening torque	Power circuit: 1.7 N.m - on connector

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

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

Disclaimer: 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

Ambient air temperature for storage	-60…80 °C
Operating altitude	3000 m without derating
Height	130 mm
Width	45 mm
Depth	122 mm
Product weight	0.45 kg

Contractual warranty

Warranty (in months)	18

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.

Environmental Data explained >

How we assess product sustainability >

Use Longer

Lifetime extension

Repair	No