Product data sheet

Specifications

Discontinued

Capacitor contactor, Tesys Deca, 16.7kVAR at 400/415V 50Hz, 120V AC 50/60Hz coil

LC1DGK11G7

Discontinued on: Jan 18, 2021

Main

Range	TeSys
Product name	TeSys LC1D.K TeSys Deca
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 400…440 V AC 50/60 Hz 131 °F (55 °C) 24 kvar 660…690 V AC 50/60 Hz 131 °F (55 °C) 8.5 kvar 220…240 V AC 50/60 Hz 131 °F (55 °C)
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	120 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 1 NC
Mounting support	Rail Plate
Standards	IEC 60070 VDE 0560 NF C 54-100 IEC 60831
Product certifications	UL CSA
Connections - terminals	Power circuit: connector 1 0.004 in² (2.5 mm²) - cable stiffness: flexible with cable end Power circuit: connector 1 0.006 in² (4 mm²) - cable stiffness: solid with cable end Power circuit: connector 2 0.002 in² (1.5 mm²) - cable stiffness: flexible with cable end Power circuit: connector 2 0.006 in² (4 mm²) - cable stiffness: solid with cable end
Tightening torque	Power circuit 15.05 lbf.in (1.7 N.m) connector

Complementary

Auxiliary contacts type	Mechanically linked 1 NO + 1 NC IEC 60947-5-1 Mirror contact 1 NC IEC 60947-4-1

Environment

IP degree of protection	IP2X IEC 60529 IP2X VDE 0106

Protective treatment	TH IEC 60068-2-30
Ambient air temperature for operation	23…140 °F (-5…60 °C)
Ambient air temperature for storage	-76…176 °F (-60…80 °C)
Operating altitude	0...3000 m
Height	5.1 in (130 mm)
Width	1.8 in (45 mm)
Depth	4.8 in (122 mm)
Net weight	0.99 lb(US) (0.45 kg)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

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

Use Again

Repack and remanufacture

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