

Product datasheet

Specifications



TeSys LC1D.K capacitor duty contactor - 3P - 12.5 kVAR - 415 V - 415 V AC coil

LC1DFK02N7

! Discontinued

Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DFK
Contact 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	12.5 kvar at 400...440 V AC 50/60 Hz 55 °C 18 kvar at 660...690 V AC 50/60 Hz 55 °C 6.7 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	Plate Rail
Standards	NF C 54-100 IEC 60070 IEC 60831 VDE 0560
Product certifications	CSA UL
Connections - terminals	Power circuit: connector 1 2.5 mm ² - cable stiffness: flexible with cable end Power circuit: connector 1 4 mm ² - cable stiffness: solid with cable end Power circuit: connector 2 1.5 mm ² - cable stiffness: flexible with cable end Power circuit: connector 2 4 mm ² - cable stiffness: solid with cable end
Tightening torque	Power circuit: 1.2 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
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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
Height	130 mm
Width	45 mm
Depth	117 mm
Product weight	0.43 kg

Contractual warranty

Warranty (in months)	18
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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 >](#)



Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

[End of Life Information](#)

WEEE Label



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