

# Product datasheet

Specifications



## TeSys LC1D.K capacitor duty contactor - 3P - 12.5 kVAR - 415 V - 110 V AC coil

LC1DFK02F6

⚠ Discontinued on: 1 Nov 2020

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EAN Code: 3389110055962

### Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DFK
Contact application	Power factor correction
Utilisation category	AC-3
Poles description	3P
power pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit: $\leq 690$ V AC 25...400 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 60 Hz
[Uc] control circuit voltage	110 V AC 60 Hz
Auxiliary contact composition	2 NC
Mounting support	Plate Rail
Standards	IEC 60831 VDE 0560 IEC 60070 NF C 54-100
Product certifications	UL CSA
Connections - terminals	Power circuit: connector 1 2.5 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: connector 1 4 mm <sup>2</sup> - cable stiffness: solid with cable end Power circuit: connector 2 1.5 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: connector 2 4 mm <sup>2</sup> - 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

<b>Ambient air temperature for operation</b>	-5...60 °C
<b>Ambient air temperature for storage</b>	-60...80 °C
<b>Operating altitude</b>	3000 m without derating
<b>Height</b>	74 mm
<b>Width</b>	45 mm
<b>Depth</b>	117 mm
<b>Net weight</b>	0.43 kg

## Contractual warranty

<b>Warranty (in months)</b>	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 >](#)

### Use Longer



#### Lifetime extension

Repair

No