

# Product data sheet

Specifications



## TeSys LC1D.K capacitor duty contactor - 3P - 12.5 kVAR - 415 V - 220 V AC coil

LC1DFK11M7

### Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DFK
Contactor application	Power factor correction
Poles description	3P
Power pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit: $\leq 690$ 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	220 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 1 NC
Mounting support	Rail Plate
Standards	IEC 60831 NF C 54-100 IEC 60070 VDE 0560
Product certifications	CSA UL UKCA
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>	0...3000 m
<b>Height</b>	74 mm
<b>Width</b>	45 mm
<b>Depth</b>	117 mm
<b>Net weight</b>	0.43 kg

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	463 g
<b>Package 1 Height</b>	6.5 cm
<b>Package 1 width</b>	21 cm
<b>Package 1 Length</b>	15.5 cm
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	10
<b>Package 2 Weight</b>	5.343 kg
<b>Package 2 Height</b>	30 cm
<b>Package 2 width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	80
<b>Package 3 Weight</b>	51.244 kg
<b>Package 3 Height</b>	77 cm
<b>Package 3 width</b>	80 cm
<b>Package 3 Length</b>	60 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

# Contractual warranty

Warranty

18 months