

# Product data sheet

Specifications



⚠ Discontinued

## TeSys LC1D.K capacitor duty contactor - 3P - 33.3 kVAR - 415 V - 220 V AC coil

LC1DPK12M7

⚠ Discontinued on: 18 August 2020

⚠ End-of-service on: 18 August 2020

LC1DPK12M7 has not been replaced. Please contact your customer care center for more information.

### Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DPK
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	20 kvar at 220...240 V AC 50/60 Hz 55 °C 33.3 kvar at 400...440 V AC 50/60 Hz 55 °C 48 kvar at 660...690 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 + 2 NC
Mounting support	Rail Plate
Standards	IEC 60070 IEC 60831 NF C 54-100 VDE 0560
Product certifications	CSA UL
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: 5 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	180 mm
Width	75 mm
Depth	150 mm
Net weight	1.3 kg

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.633 kg
Package 1 Height	13 cm
Package 1 width	17 cm
Package 1 Length	18.5 cm
Unit Type of Package 2	P06
Number of Units in Package 2	32
Package 2 Weight	63.6 kg
Package 2 Height	75 cm
Package 2 width	80 cm
Package 2 Length	60 cm
Unit Type of Package 3	S03
Number of Units in Package 3	4
Package 3 Weight	6.95 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

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<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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## **Contractual warranty**

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<b>Warranty</b>	18 months
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