

Product datasheet

Specifications



TeSys LC1D.K capacitor duty contactor - 3P - 40 kVAR - 415 V - 230 V AC coil

LC1DTK12P7

! Discontinued

! Discontinued on: 30 Jun 2020

! End-of-service on: 18 Aug 2020

EAN Code: 3389110060133

Main

Range	TeSys
Product name	TeSys LC1D.K TeSys Deca
Product or component type	Capacitor duty contactor
Device short name	LC1DTK
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	25 kvar at 220...240 V AC 50/60 Hz 55 °C 40 kvar at 400...440 V AC 50/60 Hz 55 °C 58 kvar at 660...690 V AC 50/60 Hz 55 °C
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	230 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 2 NC
Mounting support	Plate Rail
Standards	IEC 60070 VDE 0560 IEC 60831 NF C 54-100
Product certifications	CSA UL
Connections - terminals	Power circuit: connector 1 16 mm ² - cable stiffness: flexible with cable end Power circuit: connector 1 25 mm ² - cable stiffness: solid with cable end Power circuit: connector 2 16 mm ² - cable stiffness: solid with cable end Power circuit: connector 2 6 mm ² - cable stiffness: flexible 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
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	0...3000 m
Height	127 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 Height	13 cm
Package 1 Width	17 cm
Package 1 Length	19 cm
Package 1 Weight	1.6 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

Total lifecycle Carbon footprint	70 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	57 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.

Use Better



Materials and Substances

EU RoHS Directive	Compliant
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Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	67
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins