

Product data sheet

Characteristics

LC1DTK12B7

TeSys LC1D.K capacitor duty contactor - 3P -
40 kVAR - 415 V - 24 V AC coil



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	24 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[RETURN]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: 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	0...3000 m
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 Height	13.5 cm
Package 1 Width	17 cm
Package 1 Length	19 cm
Package 1 Weight	1.4 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
WEEE	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
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