



### Main

Range	TeSys
Product name	TeSys LC1D.K
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	<= 690 V AC 50/60 Hz for power circuit
Reactive power rating	40 kvar at 400...440 V AC 50/60 Hz <= 55 °C 58 kvar at 660...690 V AC 50/60 Hz <= 55 °C 25 kvar at 220...240 V AC 50/60 Hz <= 55 °C
Control circuit type	AC 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 IEC 60831 NF C 54-100 VDE 0560
Product certifications	CSA UL
Connections - terminals	Power circuit : connector 1 cable(s) 2.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Power circuit : connector 1 cable(s) 4 mm <sup>2</sup> - cable stiffness: solid - with cable end Power circuit : connector 2 cable(s) 1.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Power circuit : connector 2 cable(s) 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
Product weight	1.3 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0950 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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