



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	<= 690 V AC 50/60 Hz for power circuit
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 50/60 Hz
[Uc] control circuit voltage	24 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 1 NC
Mounting support	Plate Rail
Standards	IEC 60070 IEC 60831 VDE 0560 NF C 54-100
Product certifications	CSA UL
Connections - terminals	Power circuit : connector 1 cable(s) 2.5 mm ² - cable stiffness: flexible - with cable end Power circuit : connector 1 cable(s) 4 mm ² - cable stiffness: solid - with cable end Power circuit : connector 2 cable(s) 1.5 mm ² - cable stiffness: flexible - with cable end Power circuit : connector 2 cable(s) 4 mm ² - 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
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-60...80 °C
Operating altitude	3000 m without derating
Height	130 mm
Width	45 mm
Depth	117 mm
Product weight	0.43 kg

Offer Sustainability

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

Contractual warranty

Warranty period	18 months
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LC1DFK11B7 is replaced by:



Contactors for capacitor bank LC1DFKB7

contactor TeSys LC1-DF 12.5 kVAr - coil 24 V AC

Qty 1

Reason for Substitution: End of Life | Substitution date: 13 March 2017