

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
Pole contact composition	3 NO
System Voltage	<= 690 V AC 50/60 Hz power circuit
Reactive power rating	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 20 kvar at 220...240 V AC 50/60 Hz <= 55 °C
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	220 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 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: 44.25 lbf.in (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	23...140 °F (-5...60 °C)
ambient air temperature for storage	-76...176 °F (-60...80 °C)
operating altitude	9842.52 ft (3000 m) without derating in temperature
height	7.09 in (180 mm)
width	2.95 in (75 mm)
depth	5.91 in (150 mm)
product weight	2.87 lb(US) (1.3 kg)

Contractual warranty

Warranty period	18 months
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