

LC1DTKF7

Capacitor contactor, TeSys D, 40 kVAR at 400 V/50 Hz, coil 110 V AC 50/60 Hz





Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DTK
Device application	Control
Contactor application	Power factor correction
Utilisation category	AC-6b
Poles description	3P
Power pole contact composition	3 NO
Device location in system	Inside delta interruption Line interruption
[Ue] rated operational voltage	Power circuit 690 V AC 50/60 Hz
Reactive power rating	22 Kvar 230 V AC 50 Hz 140 °F (60 °C) 40 Kvar 400 V AC 50 Hz 140 °F (60 °C) 43 Kvar 440 V AC 50 Hz 140 °F (60 °C) 67 Kvar 690 V AC 50 Hz 140 °F (60 °C) 20 Kvar 230 V AC 60 Hz 140 °F (60 °C) 40 Kvar 460 V AC 60 Hz 140 °F (60 °C) 50 kvar 575 V AC 60 Hz 140 °F (60 °C)
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	110 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 2 NC instantaneous
Electrical durability	300000 Cycles 400 V 200000 cycles 690 V
Mounting support	DIN rail Plate
Standards	EN/IEC 60947-1 EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1
Product certifications	IECEE CB Scheme UL CSA
Connections - terminals	Control circuit screw clamp terminals 1 0.00... 0.01 in ² (1...4 mm ²) solid Control circuit screw clamp terminals 2 0.00... 0.01 in ² (1...4 mm ²) solid Control circuit screw clamp terminals 1 0.00... 0.01 in ² (1...4 mm ²) flexible without cable end Control circuit screw clamp terminals 2 0.00... 0.01 in ² (1...4 mm ²) flexible without cable end Control circuit screw clamp terminals 1 0.00... 0.01 in ² (1...4 mm ²) flexible with cable end Control circuit screw clamp terminals 2 0.00... 0.00 in ² (1...2.5 mm ²) flexible with cable end Power circuit EverLink BTR screw connectors 1 0.00...0.05 in ² (1...35 mm ²) solid Power circuit EverLink BTR screw connectors 2 0.00...0.04 in ² (1...25 mm ²) solid Power circuit EverLink BTR screw connectors 1 0.00...0.05 in ² (1...35 mm ²) flexible with or without cable end Power circuit EverLink BTR screw connectors 2 0.00...0.04 in ² (1...25 mm ²) flexible with or without cable end
Tightening torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit 44.25 lbf.in (5 N.m) EverLink BTR screw connectors 0.00...0.04 in ² (1...25 mm ²) Power circuit: 8 N.m - on EverLink BTR screw connectors - cable 35 mm ²
Maximum operating rate	240 cyc/h

Complementary

Auxiliary contacts type	Mechanically linked 1 NO + 2 NC IEC 60947-5-1
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Environment

IP degree of protection	IP20 front face IEC 60529
Ambient air temperature for operation	23...140 °F (-5...60 °C)
Ambient air temperature for storage	-76...176 °F (-60...80 °C)
Operating altitude	0...9842.52 ft (0...3000 m)
Height	6.54 in (166 mm)
Maximum Width	2.17 in (55 mm)
Depth	6.14 in (156 mm)
Net Weight	2.87 lb(US) (1.3 kg)

Ordering and shipping details

Category	22357 - CTR, TESYS D, OPEN, 40-65A AC
Discount Schedule	I12
GTIN	03606480401718
Nbr. of units in pkg.	1
Package weight(Lbs)	2.58 lb(US) (1.17 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.76 in (7 cm)
Package 1 width	7.87 in (20 cm)
Package 1 Length	9.06 in (23 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
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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