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## Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1D.K
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	35 Kvar 230 V AC 50 Hz 140 °F (60 °C) 63 Kvar 400 V AC 50 Hz 140 °F (60 °C) 67 Kvar 440 V AC 50 Hz 140 °F (60 °C) 104 Kvar 690 V AC 50 Hz 140 °F (60 °C) 30 Kvar 230 V AC 60 Hz 140 °F (60 °C) 60 Kvar 460 V AC 60 Hz 140 °F (60 °C) 80 kvar 575 V AC 60 Hz 140 °F (60 °C)
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	120 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 <sup>2</sup> (1...4 mm <sup>2</sup> ) solid Control circuit screw clamp terminals 2 0.00... 0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) solid Control circuit screw clamp terminals 1 0.00... 0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) flexible without cable end Control circuit screw clamp terminals 2 0.00... 0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) flexible without cable end Control circuit screw clamp terminals 1 0.00... 0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) flexible with cable end Control circuit screw clamp terminals 2 0.00... 0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) flexible with cable end Power circuit connector 1 0.01...0.08 in <sup>2</sup> (4... 50 mm <sup>2</sup> ) solid Power circuit connector 2 0.01...0.04 in <sup>2</sup> (4... 25 mm <sup>2</sup> ) solid Power circuit connector 1 0.01...0.08 in <sup>2</sup> (4... 50 mm <sup>2</sup> ) flexible without cable end Power circuit connector 2 0.01...0.04 in <sup>2</sup> (4... 25 mm <sup>2</sup> ) flexible without cable end Power circuit connector 1 0.01...0.08 in <sup>2</sup> (4... 50 mm <sup>2</sup> ) flexible with cable end Power circuit connector 2 0.01...0.02 in <sup>2</sup> (4... 16 mm <sup>2</sup> ) flexible with cable end
Tightening torque	Power circuit 79.66 lbf.in (9 N.m) connector Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals
Maximum operating rate	240 cyc/h

## Complementary

Auxiliary contacts type	Type mechanically linked 1 NO + 2 NC conforming to IEC 60947-5-1
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## Environment

IP degree of protection	IP20 front face conforming to 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	7.09 in (180 mm)
Width	3.35 in (85 mm)
Depth	6.06 in (154 mm)
Net Weight	3.64 lb(US) (1.65 kg)

## Ordering and shipping details

Category	22359 - CTR, TESYS D, OPEN, 80-150A AC&DC
Discount Schedule	I12
GTIN	00785901471592
Nbr. of units in pkg.	1
Package weight(Lbs)	3.8 lb(US) (1.72 kg)
Returnability	Yes
Country of origin	CZ

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	7.28 in (18.5 cm)
Package 1 width	4.92 in (12.5 cm)
Package 1 Length	6.50 in (16.5 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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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