

Product data sheet

Characteristics

LC1DWK12M7

TeSys LC1D.K capacitor duty contactor - 3P - 60 kVAR - 415 V - 220 V AC coil

Product availability : Non-Stock - Not normally stocked in distribution facility



Price** : 1,550.00 USD



Main

Range	TeSys
Product name	TeSys LC1D.K
Product or component type	Capacitor duty contactor
Device short name	LC1DWK
Contactor application	Power factor correction
Utilisation category	AC-6B
Poles description	3P
Power pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit <= 690 V AC 50/60 Hz
Reactive power rating	35 kvar 230 V AC 50/60 Hz 140 °F (60 °C) 63 kvar 400...415 V AC 50/60 Hz 140 °F (60 °C) 67 kvar 440 V AC 50/60 Hz 140 °F (60 °C) 104 kvar 660...690 V AC 50/60 Hz 140 °F (60 °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 signalling circuit
Electrical durability	300000 cycles 400 V 200000 cycles 690 V
Mounting support	DIN rail Plate
Standards	UL 60947-4-1 CSA C22.2 No 60947-4-1 IEC 60947-4-1 IEC 60831 IEC 60070
Product certifications	UL CSA IEC
Connections - terminals	Power circuit connector 1 0.01...0.08 in ² (4...50 mm ²) solid Power circuit connector 2 0.01...0.04 in ² (4...25 mm ²) solid

Power circuit connector 1 0.01...0.08 in² (4...50 mm²) flexible without cable end
 Power circuit connector 2 0.01...0.04 in² (4...25 mm²) flexible without cable end
 Power circuit connector 1 0.01...0.08 in² (4...50 mm²) flexible with cable end
 Power circuit connector 2 0.01...0.02 in² (4...16 mm²) flexible with cable end
 Control circuit screw clamp terminals 1 0.00...0.01 in² (1...4 mm²) solid
 Control circuit screw clamp terminals 2 0.00...0.01 in² (1...4 mm²) solid
 Control circuit screw clamp terminals 1 0.00...0.01 in² (1...4 mm²) flexible without cable end
 Control circuit screw clamp terminals 2 0.00...0.01 in² (1...4 mm²) flexible without cable end
 Control circuit screw clamp terminals 1 0.00...0.00 in² (1...2.5 mm²) flexible with cable end
 Control circuit screw clamp terminals 2 0.00...0.00 in² (1...2.5 mm²) 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 terminal
Maximum operating rate	100 cyc/h

Complementary

Auxiliary contacts type	Mechanically linked 1 NO + 2 NC IEC 60947-5-1 Mirror contact 1 NC IEC 60947-4-1
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Environment

IP degree of protection	IP20 IEC 60529
Protective treatment	TH 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
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	03389110060539
Package weight(Lbs)	1.74 kg (3.83 lb(US))
Returnability	No
Country of origin	CZ

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
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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