

LC2D326D7

TeSys D reversing contactor - 3P(3 NO) - AC-3 -
≤ 440 V 32 A - 42 V AC coil

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

Price** : 415.00 USD

LC2D326D7 has not been replaced. Please contact your customer care center for more information.



ⓘ Discontinued

Main

Range	TeSys
Product name	TeSys D
Product or component type	Reversing contactor
Device short name	LC2D
Contactors application	Motor control Resistive load
Utilisation category	AC-1 AC-3
Device presentation	Preambled with reversing power busbar
Poles description	3P
Power pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit ≤ 690 V AC 25...400 Hz Power circuit ≤ 300 V DC
[Ie] rated operational current	32 A 140 °F (60 °C) ≤ 440 V AC AC-3 power circuit 50 A 140 °F (60 °C) ≤ 440 V AC AC-1 power circuit
Motor power kW	7.5 kW 220...230 V AC 50 Hz 15 kW 380...400 V AC 50 Hz 15 kW 415...440 V AC 50 Hz 18.5 kW 500 V AC 50 Hz 18.5 kW 660...690 V AC 50 Hz
Motor power HP (UL / CSA)	2 hp 115 V AC 60 Hz 1 phase 5 hp 230/240 V AC 60 Hz 1 phase 7.5 hp 200/208 V AC 60 Hz 3 phases 10 hp 230/240 V AC 60 Hz 3 phases 20 hp 460/480 V AC 60 Hz 3 phases 30 hp 575/600 V AC 60 Hz 3 phases
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	42 V AC 50/60 Hz
Auxiliary contact composition	1 NO + 1 NC
[Uimp] rated impulse withstand voltage	6 kV IEC 60947
Overvoltage category	III
[Ith] conventional free air thermal current	10 A 140 °F (60 °C) signalling circuit 50 A 140 °F (60 °C) power circuit
Irms rated making capacity	140 A AC signalling circuit IEC 60947-5-1 250 A DC signalling circuit IEC 60947-5-1

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

550 A 440 V power circuit IEC 60947

Rated breaking capacity	550 A 440 V power circuit IEC 60947
[I _{cw}] rated short-time withstand current	60 A 104 °F (40 °C) - 10 min power circuit 138 A 104 °F (40 °C) - 1 min power circuit 260 A 104 °F (40 °C) - 10 s power circuit 430 A 104 °F (40 °C) - 1 s power circuit 100 A - 1 s signalling circuit 120 A - 500 ms signalling circuit 140 A - 100 ms signalling circuit
Associated fuse rating	10 A gG signalling circuit IEC 60947-5-1 63 A gG ≤ 690 V type 1 power circuit 63 A gG ≤ 690 V type 2 power circuit
Average impedance	2 mOhm - Ith 50 A 50 Hz power circuit
[U _i] rated insulation voltage	Power circuit 690 V IEC 60947-4-1 Power circuit 600 V CSA Power circuit 600 V UL Signalling circuit 690 V IEC 60947-1 Signalling circuit 600 V CSA Signalling circuit 600 V UL
Electrical durability	1.65 Mcycles 32 A AC-3 ≤ 440 V 1.4 Mcycles 50 A AC-1 ≤ 440 V
Power dissipation per pole	2 W AC-3 5 W AC-1
Safety cover	With
Interlocking type	Mechanical
Mounting support	Plate Rail
Standards	CSA C22.2 No 14 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508
Product certifications	CSA CCC GOST UL RINA GL LROS (Lloyds register of shipping) DNV BV
Connections - terminals	Control circuit lugs-ring terminals 0.31 in (8 mm)) Power circuit lugs-ring terminals 0.39 in (10 mm))
Tightening torque	Control circuit 15.05 lbf.in (1.7 N.m) lugs-ring terminals flat Ø 6 mm M3.5 Control circuit 15.05 lbf.in (1.7 N.m) lugs-ring terminals Philips No 2 M3.5 Power circuit 22.13 lbf.in (2.5 N.m) lugs-ring terminals flat Ø 8 mm M4 Power circuit 22.13 lbf.in (2.5 N.m) lugs-ring terminals Philips No 2 M4
Operating time	12...22 ms closing 4...19 ms opening
Safety reliability level	B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1
Mechanical durability	15 Mcycles
Maximum operating rate	3600 cyc/h 140 °F (60 °C)

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Drop-out 0.3...0.6 U _c AC 50/60 Hz 140 °F (60 °C)) Operational 0.8...1.1 U _c AC 50 Hz 140 °F (60 °C)) Operational 0.85...1.1 U _c AC 60 Hz 140 °F (60 °C))
Inrush power in VA	70 VA 60 Hz 0.75 68 °F (20 °C)) 70 VA 50 Hz 0.75 68 °F (20 °C))
Hold-in power consumption in VA	7.5 VA 60 Hz 0.3 68 °F (20 °C)) 7 VA 50 Hz 0.3 68 °F (20 °C))

Heat dissipation	2...3 W 50/60 Hz
Auxiliary contacts type	Mechanically linked 1 NO + 1 NC IEC 60947-5-1 Mirror contact 1 NC IEC 60947-4-1
Signalling circuit frequency	25...400 Hz
Minimum switching current	5 mA signalling circuit
Minimum switching voltage	17 V signalling circuit
Non-overlap time	1.5 ms on de-energisation between NC and NO contact 1.5 ms on energisation between NC and NO contact
Insulation resistance	> 10 MOhm signalling circuit

Environment

IP degree of protection	IP20 front face IEC 60529
Protective treatment	TH IEC 60068-2-30
Pollution degree	3
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-76...176 °F (-60...80 °C)
Permissible ambient air temperature around the device	-40...158 °F (-40...70 °C) at Uc
Operating altitude	9842.52 ft (3000 m) without
Fire resistance	1562 °F (850 °C) IEC 60695-2-1
Flame retardance	V1 UL 94
Mechanical robustness	Vibrations contactor open2 Gn, 5...300 Hz Vibrations contactor closed4 Gn, 5...300 Hz Shocks contactor closed15 Gn for 11 ms Shocks contactor open8 Gn for 11 ms
Height	3.35 in (85 mm)
Width	3.54 in (90 mm)
Depth	3.62 in (92 mm)
Net weight	1.76 lb(US) (0.797 kg)

Ordering and shipping details

Category	22354 - CTR, TESYS D, OPEN, 9-38A AC
Discount Schedule	I12
GTIN	03389110693522
Package weight(Lbs)	0.82 kg (1.8 lb(US))
Returnability	No
Country of origin	FR

Contractual warranty

Warranty	18 months
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