

# LC1D40A5M7TQ

## contactor TeSys LC1-D - 3P - AC-3 - 440 V 40 A - coil 220 V AC 50/60 Hz

### Principale

Gama de produse	TeSys D
Gama	TeSys
Tip produs sau componenta	Contactator
Nume scurt al dispozitivului	LC1D
Aplicatie contactor	Comanda motor Sarcina rezistiva
Categorie de utilizare	AC-1 AC-4 AC-2 AC-3
Tipul circuitului de comanda	AC at 50/60 Hz
Descriere poli	3P
Compozitie contact pol	3 NO
[Ie] curent nominal de utilizare	40 A (at <60 °C) at <= 440 V AC AC-3 for power circuit 60 A (at <60 °C) at <= 440 V AC AC-1 for power circuit
Putere motor kW	18.5 KW at 380...400 V AC 50 Hz (AC-3) 22 KW at 500 V AC 50 Hz (AC-3) 30 KW at 660...690 V AC 50 Hz (AC-3) 11 KW at 220...230 V AC 50 Hz (AC-3) 9 KW at 400 V AC 50 Hz (AC-4) 22 kW at 415...440 V AC 50 Hz (AC-3)
Cantitate pe set	Set de 10

### Suplimentare

Tehnologie bobine	Fara supresor cu dioda limitatoare de varf bidirectionalaincorporat
Putere motor hp	3 Hp at 115 V AC 60 Hz for 1 phase motors 5 Hp at 230/240 V AC 60 Hz for 1 phase motors 10 Hp at 200/208 V AC 60 Hz for 3 phases motors 10 Hp at 230/240 V AC 60 Hz for 3 phases motors 30 Hp at 460/480 V AC 60 Hz for 3 phases motors 30 hp at 575/600 V AC 60 Hz for 3 phases motors
Tip contacte auxiliare	Type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1 Type mirror contact 1 NC conforming to IEC 60947-4-1
Compozitie contact auxiliar	1 NO + 1 NC
[Uc] tensiune circuit de comanda	220 V AC 50/60 Hz
[Ui] tensiune nominala de izolatie	Control circuit: 600 V CSA certified Control circuit: 600 V UL certified Power circuit: 600 V CSA certified Power circuit: 600 V UL certified Control circuit: 690 V conforming to IEC 60947-1 Power circuit: 690 V conforming to IEC 60947-1
[Uimp] tensiune de tinere la impuls	6 kV conforming to IEC 60947
Categorie de supratensiune	III
Suport de montare	Sina Placa
Intarziere flacara	V1 conforming to UL 94

Conexiuni - borne	Control circuit: screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> rigid Control circuit: screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> rigid Control circuit: screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> flexible without cable end Control circuit: screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible with cable end Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> flexible with cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 1...35 mm <sup>2</sup> rigid Power circuit: EverLink BTR screw connectors 2 cable(s) 1...25 mm <sup>2</sup> rigid Power circuit: EverLink BTR screw connectors 1 cable(s) 1...35 mm <sup>2</sup> flexible without cable end Power circuit: EverLink BTR screw connectors 2 cable(s) 1...25 mm <sup>2</sup> flexible without cable end Power circuit: EverLink BTR screw connectors 1 cable(s) 1...35 mm <sup>2</sup> flexible with cable end Power circuit: EverLink BTR screw connectors 2 cable(s) 1...25 mm <sup>2</sup> flexible with cable end
Cuplu de strangere	Control circuit: 1.7 N.m - on screw clamp terminal - with screwdriver flat Ø 6 mm Control circuit: 1.7 N.m - on screw clamp terminal - with screwdriver Philips No 2 Power circuit: 5 N.m - on EverLink BTR screw connectors - cable 1...25 mm <sup>2</sup> - with screwdriver hex (Allen key)4 mm Power circuit: 8 N.m - on EverLink BTR screw connectors - cable 35 mm <sup>2</sup> - with screwdriver hex (Allen key)4 mm
[Ue] tensiune nominala de functionare	Power circuit: ≤ 690 V AC 25...400 Hz
[Ith] curent termic conventional in aer liber	10 A (at 60 °C) for control circuit 60 A (at 60 °C) for power circuit
Irms capacitatea nominala la inchidere	800 A at 440 V for power circuit conforming to IEC 60947 140 A AC for control circuit conforming to IEC 60947-5-1
Capacitate de rupere nominala	800 A at 440 V for power circuit conforming to IEC 60947
Calibrul fuzibilului asociat	10 A gG for control circuit conforming to IEC 60947-5-1 80 A gG at ≤ 690 V coordination type 1 for power circuit 80 A gG at ≤ 690 V coordination type 2 for power circuit
Puterea disipata pe pol	5.4 W AC-1 2.4 W AC-3
Consum de energie conectare in VA	140 VA cos phi 0.75 (at 20 °C) 160 VA cos phi 0.75 (at 20 °C)
Consum de energie mentinere in VA	13 VA 60 Hz cos phi 0.3 (at 20 °C) 15 VA 50 Hz cos phi 0.3 (at 20 °C)
Timp de functionare	4...19 ms opening 12...26 ms closing
Nivel de incredere al securitatii	B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1
Durabilitate mecanica	15000000 cic
Viteza maxima de functionare	3600 cyc/h 60 °C
Curentul minim de comutare	5 mA for control circuit
Tensiunea minima de comutare	17 V for control circuit
Timpul de nesuprapunere	1.5 Ms on de-energisation between NC and NO contacts 1.5 ms on energisation between NC and NO contacts
Rezistenta de izolatie	> 10 MOhm for control circuit
Inaltime	122 mm
Latime	55 mm
Adancime	120 mm
Greutate produs	1,4 kg
Cod compatibilitate	LC1D

## Mediu

Standarde	IEC 60947-4-1 SR EN 60947-4-1 EN 60947-5-1 UL 508 SR EN 60947-5-1 CSA C22.2 No 15
Certificari produs	LROS (In asteptare) CCC DNV GL UL RINA GOST CSA BV
Grad de protectie IP	IP2x conforming to IEC 60529 IP2x conforming to VDE 0106
Temperatura de depozitare	-60...80 °C
Altitudinea de functionare	3000 m without derating
Rezistenta la foc	850 °C conforming to IEC 60695-2-1
Rezistenta la socuri	10 gn contactor opened 15 gn contactor closed
Rezistenta la vibratii	2 gn 5...300 Hz contactor opened 4 gn 5...300 Hz contactor closed
Disipare de caldura	4...5 W at 50/60 Hz for control circuit

## Durabilitatea ofertei

Stare ofertă sustenabilă	Produs Green Premium
Regulamentul REACH	<a href="#">Declaratia REACH</a>
Conform REACH fara SVHC	Da
Directiva RoHS UE	Conform <a href="#">Declaratia RoHS UE</a>
Fara metale grele toxice	Da
Fara mercur	Da
Informatii privind scutirea de la RoHS	<a href="#">Da</a>
Regulamentul RoHS China	<a href="#">Declaratia RoHS China</a>
Raport de mediu	<a href="#">Profilul Ambiental Al Produsului</a>
Profil circularitate	<a href="#">Informatii Privind Sfarsitul Duratei De Viata</a>
WEEE	În Uniunea Europeana, produsele trebuie reciclate respectand sistemul specific de colectare a deseurilor si nu trebuie sa ajunga in pubelele de colectare a deseurilor menajere.
Fara PVC	Da