

Toote infoleht

Tehnilised andmed



Kontaktor, TeSys Deca, 3P(3 NO), AC-3/AC-3e, <=400V, 65A, 230V AC 50/60Hz mähis, kruviklambri klemmid

LC1D65AP7

Peamine

Vahemik	TeSys TeSys Deca
Tootevalik	TeSys Deca
Toote Või Komponenti Tüüp	Contactor
Seadme Lühinimi	LC1D
Contactor Application	Resistive load Motor control
Utilisation Category	AC-4 AC-1 AC-3 AC-3e
Postide Kirjeldus	3P
[Ue] Nimitööpinge	Toiteahel <= 690 V AC 25...400 Hz Toiteahel <= 300 V DC
[Ie] Rated Operational Current	80 A (at <60 °C) at <= 440 V AC AC-1 for toiteahel 65 A (at <60 °C) at <= 440 V AC AC-3 for toiteahel 65 A (at <60 °C) at <= 440 V AC AC-3e for toiteahel
[Uc] Control Circuit Voltage	230 V AC 50/60 Hz

Täiendav

Motor Power Kw	11 kW at 400 V AC 50/60 Hz (AC-4) 18,5 kW at 220...230 V AC 50/60 Hz (AC-3) 30 kW at 380...400 V AC 50/60 Hz (AC-3) 37 kW at 500 V AC 50/60 Hz (AC-3) 37 kW at 660...690 V AC 50/60 Hz (AC-3) 18,5 kW at 220...230 V AC 50/60 Hz (AC-3e) 30 kW at 380...400 V AC 50/60 Hz (AC-3e) 37 kW at 500 V AC 50/60 Hz (AC-3e) 37 kW at 660...690 V AC 50/60 Hz (AC-3e)
Motor Power Hp	40 hp at 460/480 V AC 50/60 Hz for 3 phases motors 5 hp at 115 V AC 50/60 Hz for 1 faas motors 10 hp at 230/240 V AC 50/60 Hz for 1 faas motors 20 hp at 200/208 V AC 50/60 Hz for 3 phases motors 20 hp at 230/240 V AC 50/60 Hz for 3 phases motors 50 hp at 575/600 V AC 50/60 Hz for 3 phases motors
Compatibility Code	LC1D
Pole Contact Composition	3 NO
Protective Cover	With
[Ith] Conventional Free Air Thermal Current	10 A (at 60 °C) for signalling circuit 80 A (at 60 °C) for toiteahel
Irms Rated Making Capacity	140 A AC for signalling circuit conforming to IEC 60947-5-1 250 A DC for signalling circuit conforming to IEC 60947-5-1 1000 A at 440 V for toiteahel conforming to IEC 60947

Suurim lubatud võrreldavate toodete arv on täis. Avage jaotis Võrrele tooteid #LNK# ja kustutage jätkamiseks mõni boode

Rated Breaking Capacity	1000 A at 440 V for toiteahel conforming to IEC 60947
[Icw] Rated Short-Time Withstand Current	640 A 40 °C - 10 s for toiteahel 900 A 40 °C - 1 s for toiteahel 110 A 40 °C - 10 min for toiteahel 260 A 40 °C - 1 min for toiteahel 100 A - 1 s for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit
Associated Fuse Rating	10 A gG for signalling circuit conforming to IEC 60947-5-1 125 A gG at <= 690 V coordination type 1 for toiteahel 125 A gG at <= 690 V coordination type 2 for toiteahel
Average Impedance	1,5 mhm - lth 80 A 50 Hz for toiteahel
Power Dissipation Per Pole	9,6 W AC-1 6,3 W AC-3 6,3 W AC-3e
[Ui] Rated Insulation Voltage	Toiteahel 600 V CSA Toiteahel 600 V UL Signalling circuit 690 V IEC 60947-1 Signalling circuit 600 V CSA Signalling circuit 600 V UL Toiteahel 690 V IEC 60947-4-1
Ülepinge Kategooria	III
Saastumise Aste	3
[Uimp] Rated Impulse Withstand Voltage	6 kV IEC 60947
Safety Reliability Level	B10d = 1369863 tsükliid contactor with nominal load EN/ISO 13849-1 B10d = 20000000 tsükliid contactor with mechanical load EN/ISO 13849-1
Mehaaniline Vastupidavus	6 M tsükliit
Electrical Durability	1,4 M tsükliit 80 A AC-1 <= 440 V 1,45 M tsükliit 65 A AC-3 <= 440 V 1,45 M tsükliit 65 A AC-3e <= 440 V
Control Circuit Type	AC 50/60 Hz standard
Coil Technology	Without built-in suppressor module
Control Circuit Voltage Limits	0.3...0.6 Uc -40...70 °C drop-out AC 50/60 Hz 0.8...1.1 Uc -40...60 °C operational AC 50 Hz 0.85...1.1 Uc -40...60 °C operational AC 60 Hz 1...1.1 Uc 60...70 °C operational AC 50/60 Hz
Inrush Power In Va	140 VA 60 Hz cos phi 0,75 (at 20 °C) 160 VA 50 Hz cos phi 0,75 (at 20 °C)
Hold-In Power Consumption In Va	13 VA 60 Hz cos phi 0,3 (at 20 °C) 15 VA 50 Hz cos phi 0,3 (at 20 °C)
Heat Dissipation	4...5 W at 50/60 Hz
Operating Time	4...19 ms opening 12...26 ms closing
Maximum Operating Rate	3600 tsükkel/h 60 °C

Connections - Terminals	Control circuit: screw clamp terminals 2 1...2,5 mm² - cable stiffness: painduv with cable end Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: painduv without cable end Control circuit: screw clamp terminals 2 1...4 mm² - cable stiffness: painduv without cable end Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: painduv with cable end Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: lahe without cable end Control circuit: screw clamp terminals 2 1...4 mm² - cable stiffness: lahe without cable end Toiteahel: kruviga ühendus 1 1...35 mm² - cable stiffness: painduv without cable end Toiteahel: kruviga ühendus 2 1...25 mm² - cable stiffness: painduv without cable end Toiteahel: kruviga ühendus 1 1...35 mm² - cable stiffness: painduv with cable end Toiteahel: kruviga ühendus 2 1...25 mm² - cable stiffness: painduv with cable end Toiteahel: kruviga ühendus 1 1...35 mm² - cable stiffness: lahe without cable end Toiteahel: kruviga ühendus 2 1...25 mm² - cable stiffness: lahe without cable end
Tightening Torque	Control circuit 1,7 N.m EverLink BTR screw connectors flat Ø 6 mm Control circuit 1,7 N.m EverLink BTR screw connectors Philips No 2 Toiteahel 8 N.m EverLink BTR screw connectors 25...35 mm² hexagonal 4 mm Toiteahel 5 N.m EverLink BTR screw connectors 1...25 mm² hexagonal 4 mm Control circuit 1,7 N.m EverLink BTR screw connectors pozidriv No 2 Toiteahel 2,5 N.m EverLink BTR screw connectors pozidriv No 2
Lisakontakti Koostis	1 NO + 1 NC
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 Voltage	17 V for signalling circuit
Minimum Switching Current	5 mA for signalling circuit
Insulation Resistance	> 10 MOhm for 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
Paigaldamise Tugi	Rail Paneel

Keskkond

Standards	CSA C22.2 No 14 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508 IEC 60335-1
Toote Sertifikaadid	UL GOST CSA CCC
Ip Degree Of Protection	IP20 esipind IEC 60529
Protective Treatment	THIEC 60068-2-30
Climatic Withstand	IACS E10 exposure to damp heat IEC 60947-1 Annex Q category D exposure to damp heat
Permissible Ambient Air Temperature Around The Device	-40...60 °C 60...70 °C with derating
Operating Altitude	0...3000 m
Fire Resistance	850 °C IEC 60695-2-1
Flame Retardance	V1 UL 94

Mechanical Robustness	Vibrations contactor open 2 Gn, 5...300 Hz) Vibrations contactor closed 4 Gn, 5...300 Hz) Shocks contactor closed 15 Gn for 11 ms) Shocks contactor open 10 Gn for 11 ms)
Kõrgus	122 mm
Laius	55 mm
Sügavus	120 mm
Netokaal	0,86 kg

Pakendiüksused

Pakendi Tüüp 1	PCE
Ühikute Arv Pakendis 1	1
Package 1 Height	6,3 cm
Pakendi Laius 1	13,8 cm
Pakendi Pikkus 1	15,5 cm
Pakendi Kaal 1	921,0 g
Pakendi Tüüp 2	S02
Ühikute Arv Pakendis 2	10
Pakendi Kõrgus 2	15,0 cm
Pakendi Laius 2	30,0 cm
Pakendi Pikkus 2	40,0 cm
Pakendi Kaal 2	9,936 kg
Pakendi Tüüp 3	P06
Ühikute Arv Pakendis 3	160
Pakendi Kõrgus 3	77,0 cm
Pakendi Laius 3	80,0 cm
Pakendi Pikkus 3	60,0 cm
Pakendi Kaal 3	167,14 kg

Lepinguline garantii

Garantii	18 months
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Jätkusuutlikus

Green Premium™ ökomärgistus on Schneider Electricu kohustus pakkuda tooteid oma klassi parima keskkonnatoimega. Green Premium lubab järgida uusimaid määrusi, keskkonnamõjude läbipaistvust ning ringid- ja madala CO₂-heitega tooteid.

Toote jätkusuutlikkuse hindamise juhend on valge raamat, mis selgitab globaalseid ökomärgise standardeid ja seda, kuidas keskkonnadeklaratsioone tõlgendada.

[Juhis kaubandusliku toote jätkusuutlikkuse hindamiseks >](#)



Läbipaistvus RoHS/REACH

Heaolu tulemuslikkus

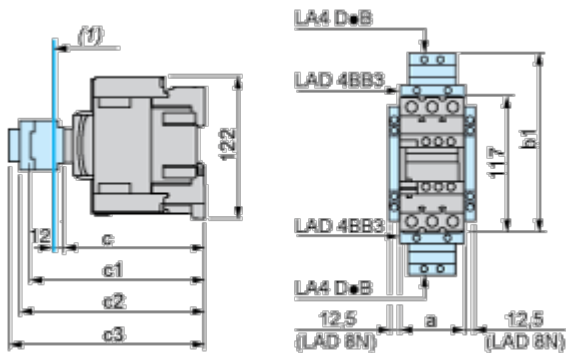
✓	Ilma Svhc Reach-Ta	
✓	Mürgiste Raskemetallideta	
✓	Elavhõbedavaba	
✓	Rohs Eranditeave	Jah
✓	Pvc Vaba	

Sertifikaadid ja standardid

Reach-Määrus	REACH-deklaratsioon
Eli Rohs Direktiiv	Vastavus ELi RoHS deklaratsioon
Hiina Eohs Regulatsioon	Hiina RoHS deklaratsioon Ennetav Hiina RoHS deklaratsioon (ei kuulu Hiina RoHS-i õigussfääri)
Keskkonnaalane Avaldus	Toote keskkonnaprofiil
Weee	Tootest tuleb Euroopa Liidu turgudel vabaneda vastavuses erijäätmeseadustele ning see ei tohi sattuda olmeprügi sekka.
Ringlusprofiil	Kasutuselt kõrvaldamise teave

Dimensions Drawings

Dimensions



(1) Minimum electrical clearance

LC1		D40A...D65A
a		55
b1	with LA4 D•2	–
	with LA4 DB3 or LAD 4BB3	136
	with LA4 DF, DT	157
	with LA4 DM, DW, DL	166
c	without cover or add-on blocks	118
	with cover, without add-on blocks	120
c1	with LAD N (1 contact)	–
	with LAD N or C (2 or 4 contacts)	150
c2	with LA6 DK10, LAD 6DK	163
c3	with LAD T, R, S	171
	with LAD T, R, S and sealing cover	175

Connections and Schema

Wiring

