

Product datasheet

Specifications



TeSys D contactor - 3P(3 NO) - AC-3 - <= 440 V 80 A - 220 V AC 50/60 Hz coil

LC1D80M7

Main

Range	TeSys
Range of product	TeSys Deca
Product or component type	Contactors
Device short name	LC1D
contactor application	Motor control Resistive load
Utilisation category	AC-3 AC-3e AC-4 AC-1
poles description	3P
[Ue] rated operational voltage	Power circuit: <= 300 V DC 25...400 Hz Power circuit: <= 690 V AC
[Ie] rated operational current	125 A (at <60 °C) at <= 440 V AC AC-1 for power circuit 80 A (at <60 °C) at <= 440 V AC AC-3 for power circuit 80 A (at <60 °C) at <= 440 V AC AC-3e for power circuit
[Uc] control circuit voltage	220 V AC 50/60 Hz

Complementary

Motor power kW	22 kW at 220...230 V AC 50/60 Hz (AC-3) 37 kW at 380...400 V AC 50/60 Hz (AC-3) 45 kW at 415...440 V AC 50/60 Hz (AC-3) 55 kW at 500 V AC 50/60 Hz (AC-3) 45 kW at 660...690 V AC 50/60 Hz (AC-3) 15 kW at 400 V AC 50/60 Hz (AC-4) 22 kW at 220...230 V AC 50/60 Hz (AC-3e) 37 kW at 380...400 V AC 50/60 Hz (AC-3e) 45 kW at 415...440 V AC 50/60 Hz (AC-3e) 55 kW at 500 V AC 50/60 Hz (AC-3e) 45 kW at 660...690 V AC 50/60 Hz (AC-3e)
Motor power hp	7.5 hp at 120 V AC 50/60 Hz for 1 phase motors 15 hp at 230/240 V AC 50/60 Hz for 1 phase motors 30 hp at 200/208 V AC 50/60 Hz for 3 phases motors 30 hp at 230/240 V AC 50/60 Hz for 3 phases motors 60 hp at 460/480 V AC 50/60 Hz for 3 phases motors 60 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 125 A (at 60 °C) for power circuit
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 1100 A at 440 V for power circuit conforming to IEC 60947

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Rated breaking capacity	1100 A at 440 V for power circuit conforming to IEC 60947
[Icw] rated short-time withstand current	640 A 40 °C - 10 s for power circuit 990 A 40 °C - 1 s for power circuit 135 A 40 °C - 10 min for power circuit 320 A 40 °C - 1 min for power circuit 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 60947-5-1 200 A gG at <= 690 V coordination type 1 for power circuit 160 A gG at <= 690 V coordination type 2 for power circuit
Average impedance	0.8 mOhm - Ith 125 A 50 Hz for power circuit
Power dissipation per pole	5.1 W AC-3 12.5 W AC-1 5.1 W AC-3e
[Ui] rated insulation voltage	Power circuit: 600 V CSA certified Power circuit: 600 V UL certified Power circuit: 1000 V conforming to IEC 60947-4-1 Signalling circuit: 690 V conforming to IEC 60947-1 Signalling circuit: 600 V CSA certified Signalling circuit: 600 V UL certified
Overvoltage category	III
Pollution degree	3
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947
Safety reliability level	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
Mechanical durability	4 Mcycles
Electrical durability	0.8 Mcycles 125 A AC-1 at Ue <= 440 V 1.5 Mcycles 80 A AC-3 at Ue <= 440 V 1.5 Mcycles 80 A AC-3e at Ue <= 440 V
Control circuit type	AC at 50/60 Hz standard
Coil technology	Without built-in suppressor module
Control circuit voltage limits	0.85...1.1 Uc (-40...55 °C):operational AC 60 Hz 0.3...0.6 Uc (-40...70 °C):drop-out AC 50/60 Hz 0.8...1.1 Uc (-40...55 °C):operational AC 50 Hz 1...1.1 Uc (55...70 °C):operational AC 50/60 Hz
Inrush power in VA	245 VA 60 Hz cos phi 0.75 (at 20 °C) 245 VA 50 Hz cos phi 0.75 (at 20 °C)
Hold-in power consumption in VA	26 VA 60 Hz cos phi 0.3 (at 20 °C) 26 VA 50 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	6...10 W at 50/60 Hz
Operating time	20...35 ms closing 6...20 ms opening
Maximum operating rate	3600 cyc/h 60 °C
Maximum operating rate	3600 cyc/h at 60 °C

Connections - terminals	Control circuit: screw clamp terminals 2 1...2.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 1...2.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...4 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 1...4 mm² - cable stiffness: solid without cable end Power circuit: connector 1 4...50 mm² - cable stiffness: flexible without cable end Power circuit: connector 2 4...25 mm² - cable stiffness: flexible without cable end Power circuit: connector 1 4...50 mm² - cable stiffness: flexible with cable end Power circuit: connector 2 4...16 mm² - cable stiffness: flexible with cable end Power circuit: connector 1 4...50 mm² - cable stiffness: solid without cable end Power circuit: connector 2 4...25 mm² - cable stiffness: solid without cable end
Tightening torque	Control circuit: 1.2 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm Control circuit: 1.2 N.m - on screw clamp terminals - with screwdriver Philips No 2 Power circuit: 12 N.m - on connector - with screwdriver flat Ø 6 to Ø 8 mm Power circuit: 12 N.m - on connector hexagonal screw head 4 mm Control circuit: 1.2 N.m - on screw clamp terminals - with screwdriver pozidriv No 2
Auxiliary contact composition	1 NO + 1 NC
Auxiliary contacts type	type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1 type mirror contact 1 NC conforming to 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
mounting support	Plate Rail

Environment

Standards	EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 CSA C22.2 No 14 UL 60947-4-1 IEC 60335-2-40:Annex JJ UL 60335-2-40:Annex JJ IEC 60335-1:Clause 30.2
Product certifications	CCC UL CB Scheme CSA CE UKCA Marine EAC
IP degree of protection	IP20 front face conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068-2-30
Climatic withstand	conforming to IACS E10 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 conforming to IEC 60695-2-1
Flame retardance	V1 conforming to UL 94

Mechanical robustness	Vibrations contactor open (2 Gn, 5...300 Hz) Shocks contactor open (8 Gn for 11 ms) Vibrations contactor closed (3 Gn, 5...300 Hz) Shocks contactor closed (10 Gn for 11 ms)
Height	127 mm
Width	85 mm
Depth	130 mm
Net weight	1.59 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.000 cm
Package 1 Width	13.500 cm
Package 1 Length	10.000 cm
Package 1 Weight	1.560 kg
Unit Type of Package 2	S02
Number of Units in Package 2	5
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.085 kg
Unit Type of Package 3	P06
Number of Units in Package 3	80
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	133.300 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Sustainable Packaging Transparency RoHS/REACH

Resource performance

 Sustainable Packaging

Well-being performance

 Reach Free Of Svhc

 Toxic Heavy Metal Free

 Mercury Free

 Rohs Exemption Information [Yes](#)

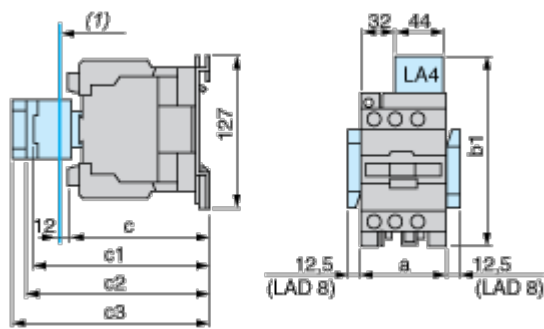
 Pvc Free

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations

Dimensions Drawings

Dimensions



(1) Minimum electrical clearance

LC1		D80	D95
a		85	85
b1	with LA4 D•2	135	135
	with LA4 DB3 or LAD 4BB3	135	–
	with LA4 DF, DT	142	142
	with LA4 DM, DW, DL	150	150
c	without cover or add-on blocks	125	125
	with cover, without add-on blocks	130	130
c1	with LAD N (1 contact)	150	150
	with LAD N or C (2 or 4 contacts)	158	158
c2	with LA6 DK10, LAD 6DK	170	170
c3	with LAD T, R, S	178	178
	with LAD T, R, S and sealing cover	182	182

Connections and Schema

Wiring



LC1D40...D95 / LC2D40...D95

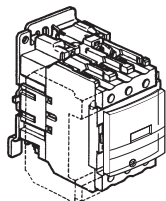
www.se.com

Contactors / Reversing-contactors
Contactores / Contactores-inversores
Contattori / Teleinvertitori
接触器 / 可逆接触器

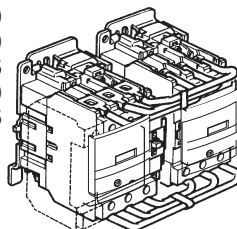
Contacteurs / Contacteurs-inverseur
Schütze / Wendeschütze
Contatores / Contatores-inversores
КОНТАКТОРЫ / РЕВЕРСИВНЫЕ КОНТАКТОРЫ



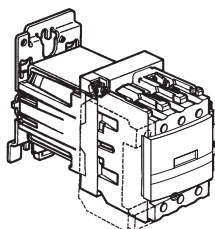
LC1D40
LC1D50
LC1D65
LC1D80
LC1D95



LC2D40
LC2D50
LC2D65
LC2D80
LC2D95



LC1D40
LC1D50
LC1D65
LC1D80
LC1D95



"For motor starting use Schneider Electric TeSys Protect - Deca overload relays"

"Pour les démarrages moteur, utilisez les relais contre les surcharges TeSys Protect - Deca de Schneider Electric"

"Para el arranque del motor, utilice relés de sobrecarga Schneider Electric TeSys Protect - Deca"

"Verwenden Sie für den Motorstart die Überlastrelais TeSys Protect - Deca von Schneider Electric."

"Per l'avvio del motore utilizzare relè di sovraccarico Schneider Electric TeSys Protect - Deca"

"Para o arranque do motor, utilize Proteção TeSys Schneider Electric - relé de sobrecarga da Deca"

"电动机启动请使用施耐德电气TeSys保护Deca系列热过载继电器"

«Для запуска двигателя используйте реле для защиты от перегрузки Schneider Electric TeSys Protect - Deca»

⚠ WARNING: This product can expose you to chemicals including Antimony oxide (Antimony trioxide), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

PLEASE NOTE Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.	REMARQUE IMPORTANTE L'installation, l'utilisation, la réparation et la maintenance des équipements électriques doivent être assurées par du personnel qualifié uniquement. Schneider Electric décline toute responsabilité quant aux conséquences de l'utilisation de ce matériel.
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HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH Disconnect all power before servicing equipment. Failure to follow these instructions will result in death or serious injury.	RISQUE D'ÉLECTROCUTION, D'EXPLOSION OU D'ECLAIR D'ARC ELECTRIQUE Coupez toutes les alimentations avant de travailler sur cet appareil. Si ces directives ne sont pas respectées, cela entraînera la mort ou des blessures graves.
PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O ARCO ELECTRICO Desconecte todas las alimentaciones antes de manipular el producto. El incumplimiento de estas instrucciones podrá causar la muerte o lesiones serias.	GEFAHR VON ELEKTRISCHEM SCHLAG, EXPLOSION ODER LICHTBOGEN Vor dem Arbeiten am Gerät alle Spannungsversorgungen abschalten. Die Nichtbeachtung dieser Anweisungen führt zu Tod oder schweren Verletzungen.
RISCHIO DI SCARICA ELETTRICA, ESPLOSIONE O ARCO ELETTRICO Scollegare l'apparecchio da tutti i circuiti di alimentazione prima di qualsiasi intervento. Il mancato rispetto di queste istruzioni provocherà morte o gravi infortuni.	RISCO DE ELECTROCUSSÃO, DE EXPLOÇÃO, OU DE ARCO ELÉCTRICO Desconecte todas as alimentações antes de manipular o produto. A não observância destas instruções resultará em morte, ou ferimentos graves.
电击、爆炸或电弧闪光危险 在此电力设备上工作时,请先切断 所有电源。不遵循上述说明将导致人员伤亡。	Опасность поражения электрическим током, опасность взрыва или вспышки дуги. Перед обслуживанием или ремонтом убедитесь, что питание отключено. Несоблюдение этих инструкций приведет к смерти или серьезной травме.



WARNING / AVERTISSEMENT / ADVERTENCIA / WARNUNG / AVVERTIMENTO / ATENÇÃO / 警告 /

HAZARD OF FIRE OR ELECTRIC SHOCK (FOR CONTACTOR WITH UL HI-FAULT SHORT CIRCUIT CURRENT RATINGS ONLY)

- The opening of the branch-circuit protective device may be an indication that a fault current has been interrupted.
 - To reduce the risk of fire or electric shock, current-carrying parts and the other components of the controller should be examined and replaced if damaged.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**

RISQUE D'INCENDIE OU D'ELECTROCUTION (POUR LES CONTACTEURS AYANT DES COURANTS DE COURT-CIRCUIT ASSIGNES UL TRES ELEVES UNIQUEMENT)

- L'ouverture du dispositif de protection de circuit de dérivation peut signaler qu'un courant en défaut a été interrompu.
 - Pour réduire le risque d'incendie ou d'électrocution, il convient d'examiner les composants porteurs de courant et les autres composants du contrôleur et de les remplacer s'ils sont endommagés.
- Si ces directives ne sont pas respectées, cela peut entraîner la mort ou des blessures graves ou des dommages matériels.**

RIESGO DE INCENDIO O ELECTROCUCIÓN (SOLO PARA EL CONTACTOR CON CORRIENTES DE CORTOCIRCUITO ASIGNADAS UL MUY ELEVADAS)

- La apertura del dispositivo protector del circuito de derivación puede indicar que se ha interrumpido una corriente de defecto.
 - Para reducir el riesgo de incendio o electrocución, es necesario examinar las piezas que transporten corriente y otros componentes del controlador y sustituirlos en caso de que estén dañados.
- El incumplimiento de estas instrucciones puede causar la muerte, lesiones serias o daño al equipo.**

BRAND- ODER STROMSCHLAGGEFAHR (NUR BEI SCHÜTZEN MIT KURZSCHLUSSFESTIGKEIT BEI HOHEM FEHLERSTROM NACH UL-STANDARD)

- Das Öffnen der Schutzvorrichtung für Abzwegleitungen kann ein Hinweis darauf sein, dass ein Fehlerstrom unterbrochen wurde.
 - Um die Brand- oder Stromschlaggefahr zu mindern, sollten stromführende Teile sowie die anderen Komponenten der Steuerung geprüft und bei Beschädigung ausgewechselt werden.
- Die Nichtbeachtung dieser Anweisungen kann Tod, schwere Verletzungen oder Sachschäden zur Folge haben.**

RISCHIO DI INCENDIO O SCARICA ELETTRICA (SOLO PER CONTATTORE CERTIFICATO UL CON SCCL AD ALTA CORRENTE DI GUASTO)

- L'apertura del dispositivo di protezione del circuito di derivazione può indicare l'interruzione di una corrente di guasto.
 - Per ridurre il rischio di incendio o scossa elettrica, esaminare e sostituire se danneggiate le parti sotto tensione e gli altri componenti.
- Il mancato rispetto di queste istruzioni può provocare morte, gravi infortuni o danni alle apparecchiature.**

RISCO DE INCÊNDIO OU ELETROCUSSÃO (APENAS PARA CONTADORES COM ALTO VALOR NOMINAL DE CORRENTE DE CURTO-CIRCUITO DE FALHA)

- A abertura do dispositivo de proteção do circuito derivado pode ser uma indicação de que uma corrente de falha foi interrompida.
 - Para reduzir o risco de incêndio ou choque elétrico, as peças que transportam corrente e os outros componentes do controlador devem ser examinados e substituídos se danificados.
- A não observância destas instruções pode provocar a morte, ferimentos graves, ou danos no equipamento.**

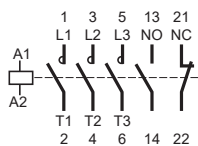
有火灾或电弧灼伤危险 (仅当继电器发生超高故障短路电流时)

- 支路保护设备断开，可能表示故障电流已中断。
 - 如要降低起火或触电风险，应检查控制器的载流部件或其他部件，如有损坏，应予以更换。
- 不遵循上述说明可能导致人员伤亡或设备损坏。**

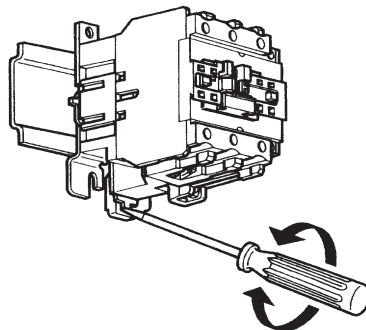
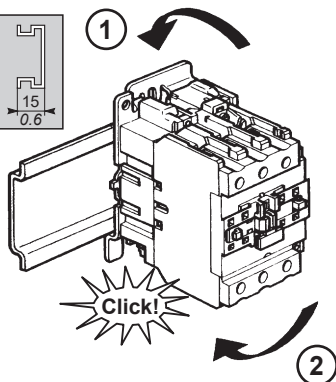
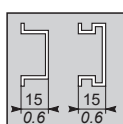
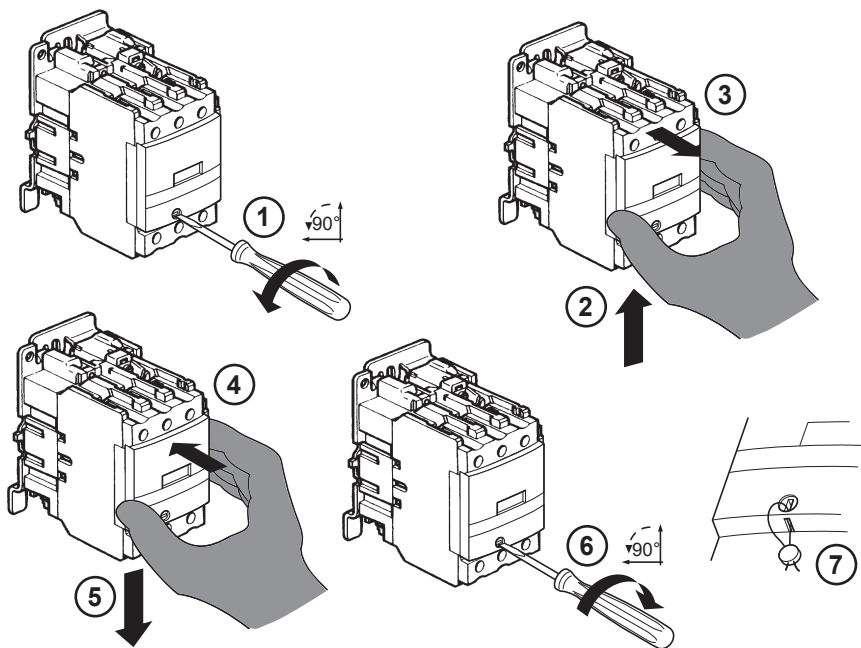
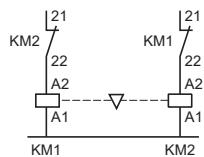
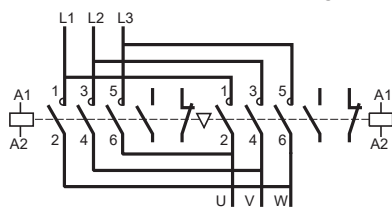
ОПАСНОСТЬ ВОЗНИКНОВЕНИЯ ПОЖАРА ИЛИ УДАРА ЭЛЕКТРИЧЕСКИМ ТОКОМ (ТОЛЬКО ДЛЯ КОНТАКТОРОВ С ВЫСОКИМ НОМИНАЛОМ ТОКА КОРОТКОГО ЗАМЫКАНИЯ СОГЛАСНО UL)

- Размыкание защитного устройства распределительной сети может указывать на прерывание тока замыкания.
 - Для уменьшения риска пожара или поражения электрическим током необходимо осмотреть и при выявлении повреждений заменить токонесящие части и другие компоненты контроллера.
- Несоблюдение этих инструкций может привести к смерти, серьезной травме или повреждению оборудования.**

LC1



LC2



Adder blocks

Additivos

Additivi

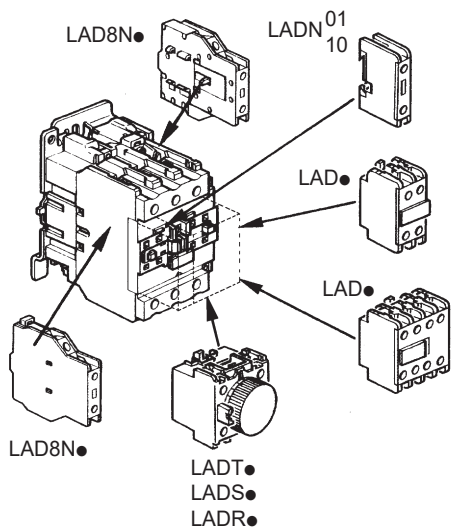
扩展模块

Additifs

Hilfsschalterblöcke aufrastbar

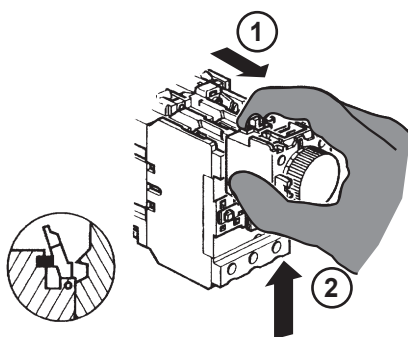
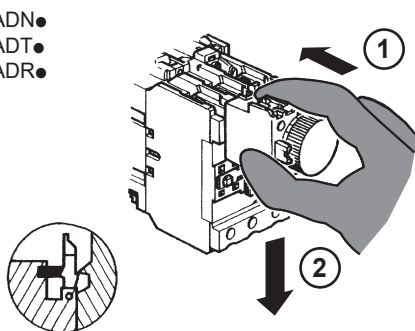
Additivos

Блоки суммирования

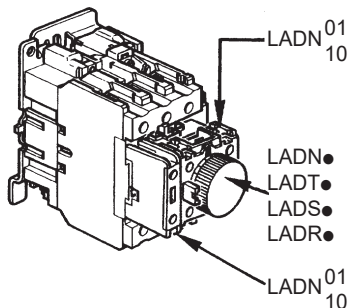
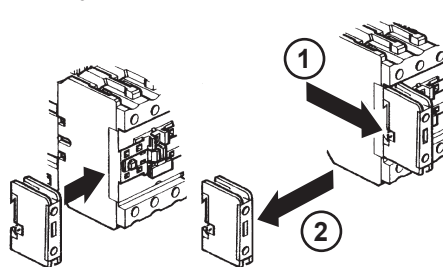


1 "F"	LADN10
1 "O"	LADN01
1 "F" + 1 "O"	LADN11
2 "F"	LADN20
2 "O"	LADN02
2 "F" + 2 "O"	LADN22
1 "F" + 3 "O"	LADN13
4 "F"	LADN40
4 "O"	LADN04
3 "F" + 1 "O"	LADN31
2 "F" + 2 "O"	LADC22
2 "F"	LA1DX20 (See page10)
2 "F" + 2 "F"	LA1DZ40 (See page10)
1 "F" + 1 "O" + 2 "F"	LA1DZ31 (See page10)
2 "F"	LA1DY20 (See page10)
0,1...3 s	LADT0
0,1...30 s	LADT2
1...30 s	LADS2
10...180 s	LADT4
0,1...3 s	LADR0
0,1...30 s	LADR2
10...180 s	LADR4
1 "F" + 1 "O"	LAD8N11 (See page11)
2 "F"	LAD8N20 (See page11)

LADN●
LADT●
LADR●



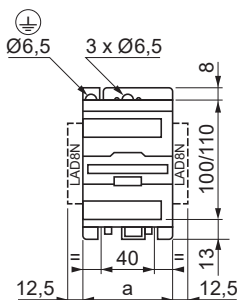
LADN⁰¹₁₀



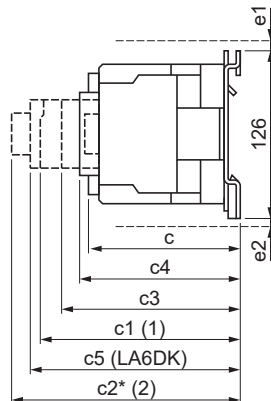
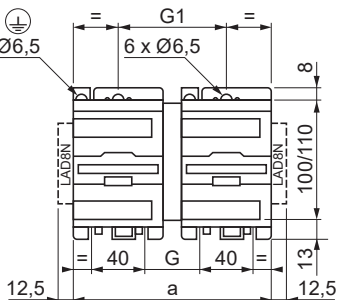
Dimensions/coils
Dimensiones/bobinas
Dimensioni d'incombro/bobine
尺寸/线圈

Encombrements/bobines
Abmessungen/Spulen
Atravancamentos/bobinas
Габариты/катушки

LC1D40...D95



LC2D40...D95



	3P
(mm)	a
LC1D40...D65	75
LC1D80...D95	85
LC2D40...D65	165
LC2D80...D95	182

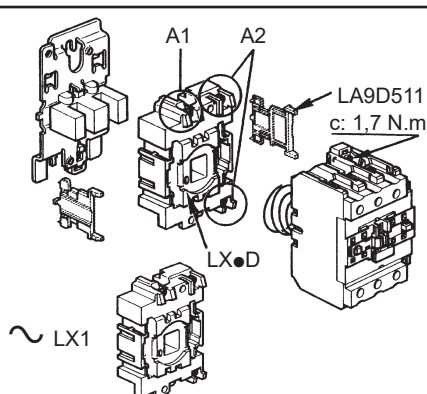
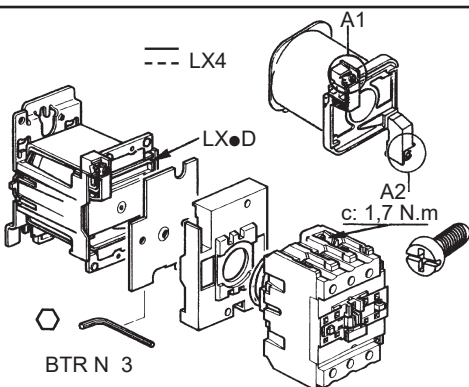
	3P				
	e1	e2	c3	G	G1
LC2D40...D65	5	11	142	50	90
LC2D80...D95	13	20	158	57	96

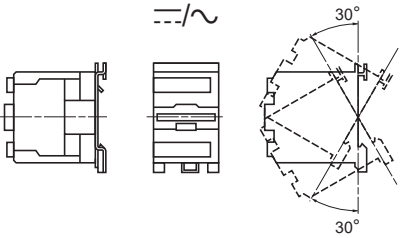
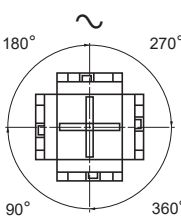
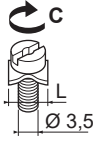
	3P				
(mm)	c	c4	c1	c5	c2*
~ LC•D40...D65	114	116	146	157	165
~ LC•D80...D95	125	127	153	165	176
--- LC1D40...D65	171	173	202	213	221
--- LC1D80...D95	181	183	210	221	229

(1) LADN, LADC
(2) LADR, LADT, LADS

* + 4 mm (LA9D901)

1 inch = 25,4 mm



Operating positions Posiciones de funcionamiento Posizioni di funzionamento 操作位置								Positions de fonctionnement Befestigungslage Posições de funcionamento Рабочие положения					
													
Wiring Min ... Max Raccordement Mini ... Maxi Capacidad de conexion Min ... Max Anschlüsse Min ... Max Connessione Min ... Max Ligação Mín ... Máx 接线最小 ... 最大 Проводка Мин...макс								 					
LC1 LC2										L			C
	(mm ²)	(mm ²)	(mm ²)	(mm ²)	(mm ²)	(mm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	PH2/PZ2	N.m
D40	1...2,5	1...2,5 + 1...2,5	1...4	1...4 + 1...4	1...4	1...4 + 1...4	8	8	—	7,5	Ø 6	2	1,2
D50		2,5...25	2,5...25	2,5...16 + 2,5...16	2,5...25	2,5...16 + 2,5...16	16	—	—	—	Ø 6	—	5 ⁽¹⁾
D65													
D80		1...2,5 + 1...2,5	1...4	1...4 + 1...4	1...4	1...4 + 1...4	8	8	—	7,5	Ø 6	2	1,2
D95		4...50 + 4...16	4...50	4...25 + 4...25	4...50	6...25 + 6...25	16	4	4	—	Ø 6 Ø 8	—	12 ⁽²⁾
LXD		1...2,5 + 1...2,5	1...4	1...4 + 1...4	1...4	1...4 + 1...4	8	8	—	7,5	Ø 6	2	1,2
LAD		1...2,5 + 1...2,5	1...4	1...4 + 1...4	1...4	1...4 + 1...4	8	8	—	7,5	Ø 6	2	1,2
After installation due to creepage effect, it is recommended to recheck the torque periodically, especially for 35 mm ² rigid cable or larger. 安装完成后, 考虑到金属蠕变效应, 建议定期检查扭矩, 尤其是对于 35 mm ² 或更大的刚性电缆, 更应如此。 (1) For LC1D406(S207)-LC1D506(S207)-LC1D656(S207) → 2.5 N.m (2) For LC1D806(S207)-LC1D956(S207) → 5 N.m													

Wiring Min ... Max Raccordement Mini ... Maxi Capacidad de conexión Min ... Max Anschlüsse Min ... Max Connessioni Min ... Max Ligação Mín ... Máx 接线最小 ... 最大 Проводка Мин...макс								  (inch)					
LC1 LC2										L			C
	(AWG)	(AWG)	(AWG)	(AWG)	(AWG)	(AWG)	(inch)	(inch)	(inch)	(inch)	(inch)	PH2/ PZ2	lb-in.
D40	16...14	16...14 + 16...14	16...12	16...12 + 16...12	16...12	16...12 + 16...12	5/16	5/16	—	9/32	Ø 15/64	2	10.62
D50		12...8 + 12...8	12...3	12...6 + 12...6	12...3	12...6 + 12...6	5/8	—	—	—	Ø 15/64	—	44.25 ⁽¹⁾
D65													
D80	16...14	16...14 + 16...14	16...12	16...12 + 16...12	16...12	16...12 + 16...12	5/16	5/16	—	9/32	Ø 15/64	2	10.62
D95	10...1	10...6 + 10...6	10...1	10...4 + 10...4	10...1	8...4 + 8...4	5/8	5/32	5/32	—	Ø 15/64 Ø 5/16	—	106.21 ⁽²⁾
LXD LAD	16...14	16...14 + 16...14	16...12	16...12 + 16...12	16...12	16...12 + 16...12	5/16	5/16	—	9/32	Ø 15/64	2	10.62

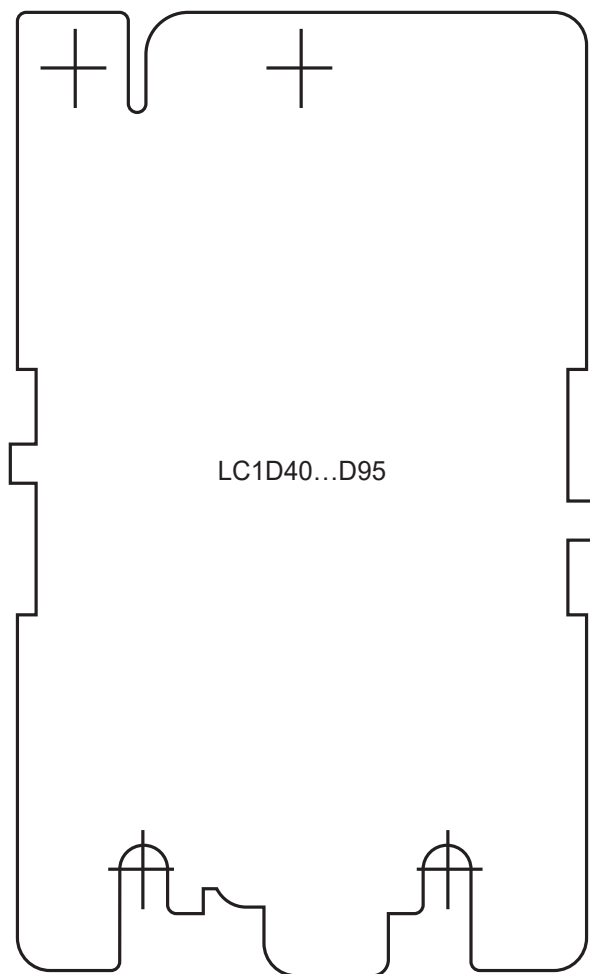
After installation due to creepage effect, it is recommended to recheck the torque periodically, especially for AWG 2 rigid cable or larger.

安装完成后，考虑到金属蠕变效应，建议定期检查扭矩，尤其是对于 AWG 2 或更大的刚性电缆，更应如此。

(1) For LC1D406(S207)-LC1D506(S207)-LC1D656(S207) → 22.12 lb-in.

(2) For LC1D806(S207)-LC1D956(S207) → 45.25 lb-in.

Drilling template
Gabarit de perçage
Guia de taladrado
Bohrschablone
Maschera di foratura
Gabarito de furação
钻孔模板
Шаблон для сверления

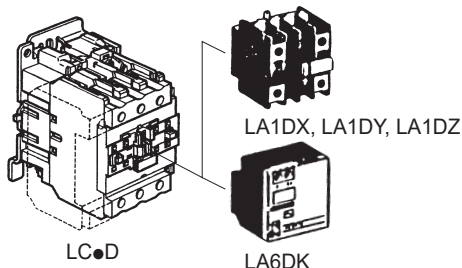


Others adder blocks
 Los otros aditivos
 Gli altri additivi
 其他扩展模块

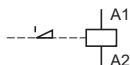
Les autres additifs
 Hilfsschalterblöcke seitlicher Anbau
 Os outros aditivos
 Другие блоки суммирования

• **LA1DX●●, LA1DY●●, LA1DZ●●**

Environnement pollution
 Environment pollutant
 Ambiente polvoriento
 Für verschmutzte Umgebung
 Ambienti polverosi
 Ambiente poluído
 环境污染
 Загрязнение окружающей среды

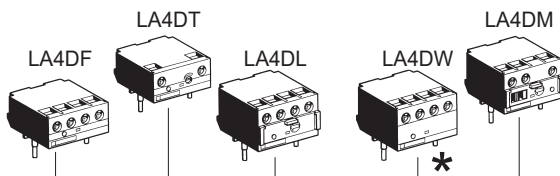


• **LA6DK**

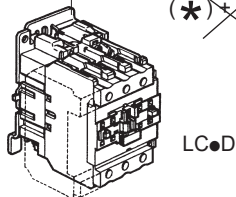


• **LA4DF, LA4DW, LA4DL**

Interface modules
 Modules d'interface
 Modulos interface
 Interface - Module
 Moduli d'interfaccia
 Módulos de interface
 接口模块
 Интерфейсные модули



(*) + LC●D ---



• **LA4DM**

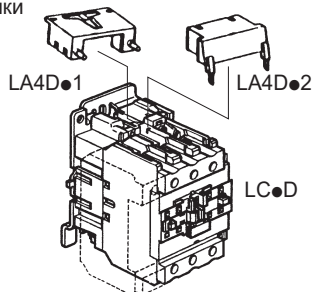
"Auto O Man"

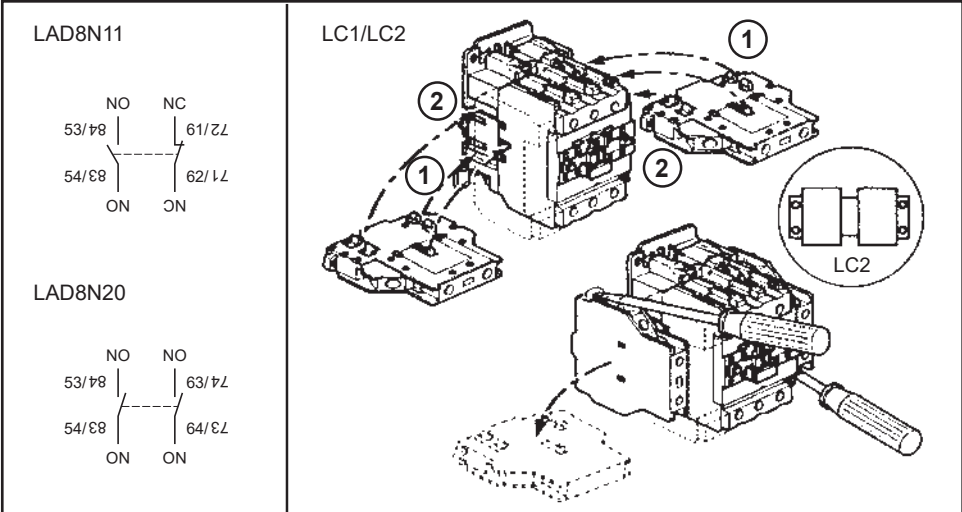
• **LA4DT**

Delay on coil energisation or desenergisation
 Retard à l'excitation ou à la désexcitation bobine
 Retraso a la conexión o a la desconexión de la bobina
 Verzögerungsblöcke Ansprech, Rückfallver-zögert
 Ritardo all'eccitazione o alla diseccitazione bobina
 Atraso á excitação ou á desexcitação da bobina
 线圈通电或断电延迟
 Задержка возбуждения или снятия возбуждения катушки

• **LA4DA●, LA4DB●, LA4DC●, LA4DE●**

Coil suppressor
 Antiparasites
 Antiparasitarios
 Überspannungsbegrenzer
 Antiparassiti
 Antiparasitas
 线圈抑制器
 Устройство защиты от перегрузок катушки





LC1/LC2		Un	LADN● LADT● LADR● LA6DK●	LAD8N		
LC1 D40...D95		0,8...1,1	●			
LC1 D40...D95 LC2 D40...D95	~ 50-60 Hz	0,8...1,1	●			
		0,85...1,1		●	●	●
	50 Hz	0,8...1,1	●	●	●	●
	60 Hz		●	●	●	●

3P AC TeSys Deca contactors (LC1D40 -> LC1D95) are grade 2 according to GB 21518. Maximum power consumption lower than 36.6 VA.

根据GB 21518标准，三级 TeSys Deca系列交流接触器 (LC1D40 -> LC1D95) 能效等级为2级,产品最大吸持功率低于36.6 VA

产品中有毒有害物质或元素的名称及含量 / Contents of Toxic or Hazardous Substances or Elements

部件名称 Part Name	有毒有害物质或元素 / Toxic or hazardous Substances and Elements					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr ⁶⁺)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 Metal Parts	X	O	O	O	O	O

O：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006 标准规定的限量要求以下。
Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006.

X：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006 标准规定的限量要求。
Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006.

对销售之日的所售产品,本表显示,
施耐德电气供应链的电子产品信息可能包含这些物质。注意:在所售产品中可能会也可能不会含有所有列出的部件。
Note: The products on sale may or may not contain all the parts/components listed here.



The product's manufacture date is coded PPYYWWD, where: ● PP: plant code ● YY: year of manufacture ● WW: week of manufacture ● (D: weekday of manufacture (Monday = 1))	La date de fabrication du produit est codée PPYYWWD, avec: ● PP: code usine ● YY: année de fabrication ● WW: semaine de fabrication ● (D: jour de fabrication dans la semaine (lundi = 1))	La fecha de fabricación del producto está codificada PPYYWWD, donde: ● PP: código de la planta ● YY: año de fabricación ● WW: semana de fabricación ● (D: día de la semana de fabricación (lunes = 1))	Das Herstellungsdatum des Produkts ist folgendermaßen codiert: PPYYWWD. Wobei: ● PP: Werkscode ● YY: Herstellungsjahr ● WW: Herstellungswoche ● (D: Herstellungstag (Montag = 1))
La data di fabbricazione del prodotto è indicata con il codice PPYYWWD, dove: ● PP: codice stabilimento ● YY: anno di fabbricazione ● WW: settimana di fabbricazione ● (D: giorno della settimana in cui il prodotto è stato fabbricato (lunedì = 1))	A data de fabrico do produto está sob a forma de código PPYYWWD, onde: ● PP: código da fábrica ● YY: ano de fabrico ● WW: semana de fabrico ● (D: dia da semana de fabrico (Segunda-feira = 1))	产品制造日期采用如下代码 PPYYWWD, 其中: ● PP: 工厂代码 ● YY: 制造年份 ● WW: 第几周制造 ● (D: 星期几制造 (星期一 = 1))	Дата производства продукта закодирована в формате PPYYWWD, где: ● PP: код завода ● YY: год производства ● WW: неделя производства ● (D: день недели, когда был произведен продукт (понедельник = 1))