TeSys Control

SK, K, SKGC, Deca, Modular and other Contactors











TeSys SK, K contactors			
Type of product	Range		Pages
Contactors 27 and 45 mm width for use in modular panels TeSys SK	From 12 to 20 A		B8/2
Contactors TeSys K	From 6 to 16 A		B8/4
Reversing pre-assembled contactors TeSys K	From 6 to 16 A		B8/8
Auxiliary contact blocks - accessories			B8/13
TeSys S207 series contactors for railways applications. Click on image to download.		TeSys S335 series contactors for electrodomestic application. Click on image to download.	
TeSys Deca contactors			
AC-3, AC-1, UL CSA applications- TeSys Deca green contactors (with AC/DC compatible coil)	From 9 to 80 A		B8/16
AC-3 applications - 3-pole, 4-pole TeSys Deca contactors	From 9 to 150 A		B8/22
AC-1 applications - 3-pole, 4-pole TeSys Deca contactors	From 25 to 200 A		B8/23
UL CSA application - 3-pole TeSys Deca contactors	From 25 to 200 A		B8/28

UL CSA application - 3-pole TeSys Deca contactors	From 25 to 200 A		B8/28
Reversing, changeover pre-assembled TeSys Deca contactors	From 9 to 150 A		B8/29
Reversing contactors TeSys Deca green contactors (with AC/DC compatible coil)	From 9 to 80 A		B8/33
Contactors for switching capacitor banks	From 12.5 to 60 kVA	AR 🎁	B8/34

Auxiliary contact blocks - accessories - spare coils for TeSys Deca

Modular contactors	From 16 to 100 A		B8/51
Modular Dual tariff contactors	16, 25, 40 or 100 A	Transformer	B8/52
Modular Impulse relay	Up to 16 A		B8/53
Auxiliary contact blocks - accessories			B8/54

Contactors

B8/36

Width of contactor 27 mm.

- Mounting on 35 mm rail.
- Screw clamp terminals.

LC1SK contactors can be fitted with an add-on block or auxilliary contact block, LP1SK and LC1SKGC contactors can't.

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 ⁽¹⁾		Rated operational voltage in AC-3 up to 400 V	Number of poles	Instantaneous auxiliary contacts	Basic reference. Complete with code indicating control circui voltage ^{(2) (3)}	
220 V 230 V	380 V 415 V	660 V 690 V		\mathbf{r}		
kW	kW	kW	Α			
1.1	2.2	2.2	6	2		LC1SK0600.
			notor in cate			
Non inc						
current (θ ≤ 55 °			Control circuit supply	poles	Instantaneous auxiliary contacts	Basic reference. Complete with code indicating control circuit voltage ^{(2) (3)}
current (θ ≤ 55 ° utilisati	°C)		supply	poles		Complete with code indicating control circuit voltage ^{(2) (3)}
current (θ ≤ 55 °	°C)					Complete with code indicating control circuit

(1) For use in AC-3 category and 3-phase circuits, an LA1SK •• auxiliary contact block should be ordered separately for mounting on the contactor.

(2) Standard control circuit voltages (variable delivery times, please consult your Regional Sales Office):

Mini-contactors LC1SK									
Volts \sim 50/60 Hz	24	48	110	120	220	230	240	380	400
Code	B7	E7	F7	G7	M7	P7	U7	Q7	V7
Mini-contactors LP1SK									
Volts	12	24	36	48	72				
Code	JD	BD	CD	ED	SD				

(3) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.

For use on contactor LC1SK0600•• with 1 NO power pole			Number of poles		taneous ry contacts	Reference
(6 A AC-3, 10 A AC-1) and with 1 NC aux. con Ue 690 V AC 50/60 Hz fo	· · · ·		7		Ļ	
Clip-on front mounting			1	-	1	LA1SK01
Instantaneous a	uxiliary cor	ntact b	locks			
For use on contactor LC1SK0600ee Aux. contacts: Ith 10 A. Ue: 690 V AC 50/60 Hz	Maximum number of blocks per contactor	Compo	sition			Reference
Clip-on front mounting	1	2	-			LA1SK20
		-	2			LA1SK02
		1	1			LA1SK11



LAISH D

Coil suppresso	or modules									
Clip-on fixing and electrical connection on right-hand side, without use of tools										
For use on contactor	s Type	For voltages	Sold in lots of	Unit reference						
LC1SK0600.	Varistor (1)	\sim and $=$ 24 V…48 V	10	LA4SKE1E						
LP1SK0600●●, LC1SKGC		\sim and $=$ 110 V…250 V	10	LA4SKE1U						
	Diode (2)	24 V250 V	10	LA4SKC1U						

(1) Protection provided by limiting the transient voltage to 2 Uc max. Maximum reduction of transient voltage peaks. Slight increase in drop-out time (1.1 to 1.5 times the normal time).

(2) No overvoltage or oscillating frequency.

Slight increase in drop-out time (1.1 to 1.5 times the normal time).



Click <u>HERE</u> for access to online contactor selector



LC1SK0600..

PB111639.eps

LA1SK01

Contactors

Mini-contactors 25 and 47 mm pitch for use in modular panels.

- Mounting on 35 mm rail or fixing by four Ø4 screws, except for LC1SKGC200.
- Connection by connectors.
- Mini-contactor fitted with transparent, sealable protective cover to prevent front face access.

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3		Rated operational current	Non inductive loads category AC-1	No. of p	oles		Basic reference, to be completed by adding the	
220 V 230 V	380 V 415 V	660 V 690 V	in AC-3 up to 400 V	maximum current θ ≤ 50 °C	7	Ì	7	voltage code ^{(1) (2)}
kW	kW	kW	Α	A				
	-	-	5	20	2	-	-	LC1SKGC200ee

LC1SKGC200

LC1SKGC300



Mini-contactors, width 45 mm Standard power ratings Rated Non inductive No. of poles Basic reference, of 3-phase motors 50/60 Hz in category AC-3 to be completed by adding the voltage code ^{(1) (2)} operational loads category AC-1 current in AC-3 maximum 220 V 380 V 660 V current θ ≤ 50 °C up to 400 V 230 V 415 V 690 V kW kW kW Α Α LC1SKGC310. 9 20 1.1 4 4 3 1 _ 3 LC1SKGC301... 1 _ (1) Standard control circuit voltages (for other voltages, please consult your Regional Sales Office):

Volts \sim 50/60 Hz	24	48	110	120	220	230	240	380	400
Code	B7	E7	F7	G7	M7	P7	U7	Q7	V7

(2) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.

Characteristics:	
pages B8/67 to B8/69	





LC1K0910.



LC1K09103.



LC1K09107.



SDS



LC1K09105..



LC7K0910.

Mounting on 35 mm - rail or Ø4 screw fixing. Screws in the open "ready-to-tighten" position.

Add-on auxiliary contact blocks and accessories, see pages B8/13 to B8/15.

Standard power ratings of 3-phase motors 50-60 Hz in category AC-3		Rated operational current in category AC-3 440 V	Instan- taneous auxiliary contacts		Basic reference, to be completed by adding the voltage code (1) (2)	
220 V 230 V	380 V 415 V	440/500 V 660/690 V	up to			
kW	kW	kW	Α			
Screw	clamp	connections	5			
1.5	2.2	3	6	1	-	LC1K0610.
				-	1	LC1K0601.
2.2	4	4	9	1	-	LC1K0910.
				-	1	LC1K0901.
3	5.5	4 (> 440)	12	1	-	LC1K121000
		5.5 (440)		-	1	LC1K1201.
4	7.5	4 (> 440)	16	1	-	LC1K1610.
		5.5 (440)		-	1	LC1K1601.

Spring terminal connections (

For 6 to 12 A ratings only, in the references selected above, insert a figure 3 before the voltage code. Example: LC1K0610 + becomes LC1K06103 +.

Faston connectors, 1 x 6.35 or 2 x 2.8

For 6 to 16 A ratings, in the references selected above, insert a figure 7 before the voltage code. Example: LC1K0610 + becomes LC1K06107 +

Solder pins for printed circuit boards

For 6 to 16 A ratings, in the references selected above, insert a figure 5 before the voltage code. Example: LC1K0610 + becomes LC1K06105 +

3-pole silent contactors

Recommended for use in areas sensitive to noise, high interference mains supplies, etc. lard

Con with	recuner	incorporate	ed, suppress	sor niled as	s stanua

Scre	w clamp	connection	S			
1.5	2.2	3	6	1	-	LC7K0610.
				-	1	LC7K0601.
2.2	4	4	9	1	-	LC7K0910.
				-	1	LC7K0901.
3	5.5	4 (> 440)	12	1	-	LC7K12100
		5.5 (440)		-	1	LC7K1201.
Fast	on conn	ectors. 1 x 6	.35 or 2 x 2.8			

In the references selected above, insert a figure 7 before the voltage code. Example: LC7K0610 + becomes LC7K06107 +.

Solder pins for printed circuit boards

In the references selected above, insert a figure 5 before the voltage code. Example: LC7K0610 + becomes LC7K06105 +.

Standard control circuit voltages (for other voltages, please consult your Regional Sales office) Coil voltage codes - a.c. (4)

0011 0010	age ee	u.	.												
Contactor	s LC1K	(0.81.1	15 Uc) (().851	.1 Uc)										
Volts	12	20	24 ⁽¹⁾	36	42	48	110	115	120	127	200/20	8	220/230	230	230/240
50 Hz (5)			B5		D5	E5								P5	
50/60 Hz	J7	Z7	B7	C7	D7	E7	F7	FE7	G7	FC7	L7		M7	P7	U7
Volts	256	277	380/4	00	400	400/	415	440	480	500	575	600	660/690		
50/60 Hz	W7	UE7	Q7	-	V7	N7		R7	T7	S7	SC7	X7	Y7	-	-
Up to and i	ncluding	240 1/ 0	oil with i	ntogral	cuppro	ccion (dovico	availa	blo: ac	d 2 to	the code	o roquir	od Exam	No: 172)

Up to and including 240 V, coil with integral suppression device available: add 2 to the code required. Example: J72.

Contactors LC7K (0.85...1.1 Uc)

		,						
Volts	24	42	48	110	115	220	230/240	
50/60 Hz	B7	D7	E7	F7	FE7	M7	U7	

(1) For mains supplies with a high level of interference (voltage surge > 800 V), use a suppressor module LA4KE1FC (50...129 V) or LA4KE1UG (130...250 V), see page B8/14.

(2) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used. (3) For LCeKeeee3 / LPeKeeee3 with spring terminal, Ith max = 10 A. (4) (0.8...1.15 Uc) for single voltage coil; (0.85...1.1 Uc) for dual voltage coil, exemple 200/208 V AC.

(5) Only available for 'screw clamp terminals' versions.

Schneider Gelectric



LP1K0910.



LP1K09103.



LP1K09105..



LP4K0910.

Contactor selection according to utilisation category, see pages A5/34 to A5/39 and A5/42 to A5/45. Mounting on 35 mm - rail or Ø4 screw fixing.

Screws in the open "ready-to-tighten" position.

Add-on auxiliary contact blocks and accessories, see pages B8/13 to B8/15.

3-phas	ard power e motors gory AC-3		Rated operational current in category AC-3 440 V	Insta tane auxi cont	ous liary	Basic reference, to be completed by adding the voltage code
220 V 230 V	380 V 415 V	440/500 V 660/690 V	up to	Ϋ́		
kW	kW	kW	Α			
Screw	clamp o	connection	s			
1.5	2.2	3	6	1	-	LP1K0610.
				-	1	LP1K0601.
2.2	4	4	9	1	-	LP1K0910.
				-	1	LP1K0901.
3	5.5	4 (> 440)	12	1	-	LP1K1210
		5.5 (440)		-	1	LP1K1201.
	•	al connecti es selected a	ons ⁽³⁾ above, insert a figure	e 3 bei	fore the	e voltage code.
In the r Examp Fasto In the r Examp Solde In the r Examp 3-po Compa Wide ra	reference de: LP1K n connection reference de: LP1K r pins fo reference de: LP1K le low of atible with ange coil	es selected a (0610•• ber ctors, 1 x 6 es selected a (0610•• ber r printed ci es selected a (0610•• ber consump n programm (0.71.30	above, insert a figure comes LP1K06103 .35 or 2 x 2.8 above, insert a figure comes LP1K06107 rcuit boards above, insert a figure comes LP1K06105 otion contactor able controller outpu Uc), suppressor fitte	••. ••. ••. ••. ••. S uts.	fore the	e voltage code.
In the r Examp Fasto In the r Examp Solde In the r Examp 3-po Compa Wide ra Screw	reference de: LP1K n connection reference de: LP1K r pins fo reference de: LP1K le low of atible with ange coil	es selected a (0610•• bec ctors, 1 x 6 es selected a (0610•• bec r printed ci es selected a (0610•• bec consump programm	above, insert a figure comes LP1K06103 .35 or 2 x 2.8 above, insert a figure comes LP1K06107 rcuit boards above, insert a figure comes LP1K06105 otion contactor able controller outpu Uc), suppressor fitte	••. ••. ••. ••. ••. S uts.	fore the	e voltage code. e voltage code.
n the r Examp Fasto n the r Examp Solde n the r Examp 3-po Compa Wide ra Screw	reference de: LP1K n connection reference de: LP1K r pins fo reference de: LP1K le low of atible with ange coil	es selected a (0610•• ber ctors, 1 x 6 es selected a (0610•• ber r printed ci es selected a (0610•• ber consump n programm (0.71.30	above, insert a figure comes LP1K06103 .35 or 2 x 2.8 above, insert a figure comes LP1K06107 rcuit boards above, insert a figure comes LP1K06105 otion contactor able controller outpu Uc), suppressor fitte	••. ••. ••. ••. ••. S uts.	fore the	e voltage code. e voltage code.
In the r Examp Fasto In the r Examp Solde In the r Examp 3-po Compa Wide ra	eference le: LP1K n conner eference le: LP1K r pins fo reference le: LP1K le low tible with ange coil v clamp of	es selected a (0610•• ber ctors, 1 x 6 es selected a (0610•• ber r printed ci es selected a (0610•• ber consump n programm (0.71.30 connection	above, insert a figure comes LP1K06103 .35 or 2 x 2.8 above, insert a figure comes LP1K06107 rcuit boards above, insert a figure comes LP1K06105 otion contactor able controller outpu Uc), suppressor fitte s	••. ••. ••. ••. ••. ••. ••. ••. ••. ••.	fore the fore the standa	e voltage code. e voltage code. rd, consumption 1.8 W. LP4K0610ee LP4K0601ee LP4K0910ee
In the r Examp Fasto In the r Examp Solde In the r Examp 3-po Compa Wide ra Screw 1.5	eference le: LP1K n conner eference le: LP1K r pins fo reference de: LP1K le low (tible with ange coil v clamp o 2.2	es selected a (0610•• ber ctors, 1 x 6 es selected a (0610•• ber r printed ci es selected a (0610•• ber consump n programm (0.71.30 connection 3	above, insert a figure comes LP1K06103 .35 or 2 x 2.8 above, insert a figure comes LP1K06107 rcuit boards above, insert a figure comes LP1K06105 otion contactor able controller outpu Uc), suppressor fitte s 6	 •. •. •. •. •. •. S uts. ed as s 1 - 	fore the fore the standar 1	e voltage code. e voltage code. rd, consumption 1.8 W. LP4K0610ee LP4K0601ee

Spring terminal connections

In the references selected above, insert a figure 3 before the voltage code.

Example: LP4K0610 becomes LP4K06103 .

Faston connectors, 1 x 6.35 or 2 x 2.8 In the references selected above, insert a figure **7** before the voltage code. Example: LP4K0610ee becomes LP4K06107ee.

Solder pins for printed circuit boards

In the references selected above, insert a figure 5 before the voltage code. Example: LP4K0610 becomes LP4K06105 ...

Standa								ther v	oltage	es, ple	ease c	onsu	lt you	r Regi	ional S	Sales	office
Volts			24 ⁽¹⁾				,	100	110	125	155	174	200	220	230	240	250
Code	JD	ZD	BD	CD	ED	ND	SD	KD	FD	GD	PD	QD	LD	MD	MPD	MUD	UD
Coil with	integra	al sup	pressio	on de	vice a	vailab	le: ad	d 3 to	the co	ode re	quired	l. Exa	mple:	JD3			

Low co	onsumption	1 (contacto	rs LP4K: 0.7	.1.3 Uc)				
Volts	12	20	24	48	72	110	120	
Code	JW3	ZW3	BW3	EW3	SW3	FW3	GW3	

Coil with integral suppression device fitted as standard, by bi-directional peak limiting diode.

(1) For LP1K only, when connecting an electronic sensor or timer in series with the contactor coil, select a 20 V coil

(~ control circuit voltage code Z7, ... control circuit voltage code ZD) so as to compensate for the incurred voltage drop. (2) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used. (3) For LCeKeeee3 / LPeKeeee3 with spring terminal), Ith max = 10 A.

Characteristics: pages B8/72 to B8/74

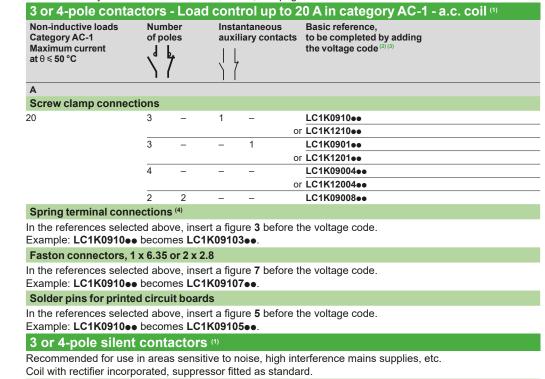
Dimensions: page B8/76

Schemes page B8/77 Click <u>HERE</u> for access to online contactor selector

B8/5

Contactor selection according to utilisation category, see pages A5/40 and A5/41. Mounting on 35 mm - rail or Ø4 screw fixing. Screws in the open "ready-to-tighten" position.

Add-on auxiliary contact blocks and accessories, see pages B8/13 to B8/15.



Screw c

Screw clamp con	nections				
20	3	-	1	-	LC7K0910.
					or LC7K1210ee
	3	-	_	1	LC7K0901.
					or LC7K120100
	4	-	_	-	LC7K09004ee
					or LC7K12004ee
	2	2	_	-	LC7K09008
Faston connector	rs, 1 x 6.35	or 2 x	2.8		

In the references selected above, insert a figure 7 before the voltage code.

Example: LC7K0910 + becomes LC7K09107 +

Solder pins for printed circuit boards

In the references selected above, insert a figure 5 before the voltage code. Example: LC7K0910 + becomes LC7K09105 +

(1) Coordination tables between 9 and 12 A ratings according to number of operating cycles, see AC-1 curve on page A5/40.

Standa	rd co	ntrol o	circuit	volt	ages	(for	other	volta	ges, _l	oleas	e consı	ılt you	r Regio	nal Sal	es office
Coil volta	age co	des - a.	C. ⁽⁵⁾												
Contactors	LC1K	(0.81.1	15 Uc) <i>(0</i> .	851	.1 Uc)										
Volts	12	20	24 ⁽²⁾	36	42	48	110	115	120	127	200/208	3	220/230	230	230/240
50 Hz (6)			B5		D5	E5								P5	
50/60 Hz	J7	Z7	B7	C7	D7	E7	F7	FE7	G7	FC7	L7		M7	P7	U7
Volts	256	277	380/40	0	400	400/	415	440	480	500	575	600	660/690		
50/60 Hz	W7	UE7	Q7		V7	N7		R7	T7	S7	SC7	X7	Y7		

Up to and including 240 V, coil with integral suppression device available: add 2 to the code required. Example: J72.

Contactors LC7K	(0.8 1.1 Uc)
Contractors Form	(0.0

00	macions	LC/R (0.01.	100)						
V	olts	24	42	48	110	115	220	230/240	
50/	60 Hz	B7	D7	E7	F7	FE7	M7	U7	
(2)	For mair	s supplies with a	high level of inte	erference (volt	ade surde > l	800 V) use a	suppressor mod	ule I A4KE1EC (50	129 V)

(2) For mains supplies with a main let of a m

(4) For LCoKooo3 / LPoKooo3 with spring terminal, Ith max = 10 A.

Schemes



LC1K09004 ••



LC1K09103.



LC1K09107.



LC7K0910

Dimensions

page B8/77

^{(5) (0.8...1.15} Uc) for single voltage coil; (0.85...1.1 Uc) for dual voltage coil, exemple 200/208 V AC.

⁽⁶⁾ Only available for 'screw clamp terminals' versions.

Contactor selection according to utilisation category, see pages A5/40 and A5/41. Mounting on 35 mm - rail or Ø4 screw fixing. Screws in the open "ready-to-tighten" position.

S and 4 Non-induc Category A Maximum θ ≤ 50 °C	AC-1	Nu	ors imber poles		Inst	antane			Basic to be	refere	ence,	y addi		
A Scrow cla	amp conned	ctions												
20	mp conner	3		_	1	_			LP1K	0910-				
20		0						or	LP1K					
		3		_	_	1			LP1K	0901•	•			
								or	LP1K	1201•	•			
		4		_	-	-			LP1K	09004	••			
		_						or	LP1K					
Coving to	uminal con	2		2	-	-			LP1K	09008	••			
	rminal con				rto fia		hoforo	the	altor	a a a d				
	rences seleo LP1K0910●						pelore	the v	/oitage	e code	÷.			
	onnectors,													
	rences sele					ure 7	before	the \	oltade	e code	2			
	LP1K0910						Delete		onage	, 00u				
	ns for print													
	rences seled					ure 5	before	the \	/oltage	e code	à			
	LP1K0910.			·	0				j-					
	oole 20 A						sumpt	tion	coil	(1)				
Screw cla	e coil (0.7 amp connec			uppre		itted a	as stano	dard,				8 W.		
20		3		-	1	-			LP4K					
		3				1		or	LP4K					
		3		_	_	1		or	LP4K					
		4		_	_	_			LP4K					
								or	LP4K	12004				
								U						
		2		2	-	-		U	LP4K	09008				
	rminal con	nectio	ons		-	-								
In the refer	rences seleo	nectio cted al	o ns bove	, inse	_ rt a fig	ure 3	before							
In the refer Example: I	rences seleo LP4K0910●	nectio cted al	o ns bove omes	, inse LP4	K0910	– ure 3 3●●.	before							
In the refer Example: I Faston co	rences selec LP4K0910● onnectors,	nectio cted al beco 1 x 6.3	ons bove omes 35 or	, inse 5 LP4 2 x 2.	K0910 .8	3		the v	/oltage	e code).			
In the refer Example: I Faston co In the refer	rences seleo LP4K0910●	nectio cted al e becc 1 x 6.3 cted al	ons bove omes 35 or bove	, inse LP4 2 x 2 , , inse	K0910 . 8 rt a fig	3●●. ure 7		the v	/oltage	e code).			
In the refer Example: I Faston co In the refer Example: I	rences select LP4K0910● onnectors, rences select	nectio cted al beco 1 x 6.3 cted al	ons bove omes 35 or bove omes	, inse LP4 2 x 2 , inse LP4	K0910 .8 rt a fig K0910	3●●. ure 7		the v	/oltage	e code).			
In the refer Example: I Faston co In the refer Example: I Solder pi	rences selec LP4K0910● onnectors, rences selec LP4K0910●	nectio cted al becc 1 x 6.3 cted al becc ted cir	bons bove omes 35 or bove omes cuit l	, inse 5 LP4 2 x 2 , inse 5 LP4 50arc	K0910 .8 rt a fig K0910 Is	3•●. ure 7 7●●.	before	the v	/oltage /oltage	e code).).			
In the refer Example: I Faston co In the refer Example: I Solder pir In the refer Example: I	rences select LP4K0910 onnectors, rences select LP4K0910 ns for print rences select LP4K0910	nectio cted al becc 1 x 6.3 cted al becc ted cirr cted al becc cted al	bons bove omes 35 or bove omes cuit l bove omes	, inse 5 LP4 2 x 2 , inse 5 LP4 500arc , inse 5 LP4	K0910 .8 rt a fig K0910 Is rt a fig K0910	3••. ure 7 7••. ure 5	before before	the v	voltage voltage	e code e code	ð.			
In the refer Example: I Faston co In the refer Example: I Solder pir In the refer Example: I	rences select LP4K0910 onnectors, rences select LP4K0910 ns for print rences select	nectio cted al becc 1 x 6.3 cted al becc ted cirr cted al becc cted al	bons bove omes 35 or bove omes cuit l bove omes	, inse 5 LP4 2 x 2 , inse 5 LP4 500arc , inse 5 LP4	K0910 .8 rt a fig K0910 Is rt a fig K0910	3••. ure 7 7••. ure 5	before before	the v	voltage voltage	e code e code	ð.	see A	C-1 cu	rve on j
In the refer Example: I Faston co In the refer Example: I Solder pi In the refer Example: I (1) Coordina	rences select LP4K0910 onnectors, rences select LP4K0910 ns for print rences select LP4K0910	nectio cted al become 1 x 6.3 cted al become cted al become cted al	bove omes 35 or bove omes cuit l bove omes <i>9 and</i>	, inse LP4 2 x 2 , inse LP4 Doard , inse LP4 12 A r	K0910 8 rt a fig K0910 Is rt a fig K0910 atings a	3●●. ure 7 7●●. ure 5 5●●. accord	before before ing to nu	the v the v the v	voltage voltage voltage	e code e code e code rating	e. e. e. cycles,			
In the refer Example: I Faston co In the refer Example: I Solder pi In the refer Example: I (1) Coordina	rences select LP4K0910 onnectors, rences select LP4K0910 ins for print rences select LP4K0910 trans be trans be	nectio cted al be becc 1 x 6.3 cted al be becc cted al be becc cted al be becc cted al be con cted al cted cted al cted al cted al cted al cted al cted al cted al cted cted al cted cted al cted	bove omes 35 or bove omes cuit l bove omes <i>g and</i>	, inse LP4 2 x 2 , inse LP4 Doarc , inse LP4 <i>12 A r</i>	K0910 8 rt a fig K0910 Is rt a fig K0910 atings a	3	before before ing to nu ther vo	the v the v the v	voltage voltage voltage	e code e code e code rating	e. e. e. cycles,			
In the refer Example: I Faston co In the refer Example: I Solder pi In the refer Example: I (1) Coordina	rences select DP4K0910 onnectors, rences select LP4K0910 ins for print rences select LP4K0910 ation tables be rd contro	nectio cted al become 1 x 6.3 cted al become cted al cted al cted cted al cted cted cted cted cted cted cted cted	bove omes 35 or bove omes cuit l bove omes <i>9 and</i> cuit v conta	, inse LP4 2 x 2 , inse LP4 Doarc , inse LP4 <i>12 A r</i>	K0910 8 rt a fig K0910 Is rt a fig K0910 atings a	3	before before ing to nu ther vo 1.15 Uo 100	the v the v the v	voltage voltage voltage	e code e code e code rating	e. e. e. cycles,			

Coil v	oltage code	es - low con	sumption	d.c. (contac	tors LP4K: 0).7 1.3 Uc)		
Volts	. 12	20	24	48	72	110	120	
Code	JW3	ZW3	BW3	EW3	SW3	FW3	GW3	
Coil with	integral supr	prossion david	o fittad as sta	ndard by bi-	directional neg	ak limiting dio	de	

(2) For LP1K only, when connecting an electronic sensor or timer in series with the contactor coil, select a 20 V coil (\sim control

(a) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.
 (4) For LCeKeeee3 / LPeKeeee3 with spring terminal, Ith max = 10 A.



LP1K09004 ••



LP1K09103.



LP1K09105.



LP4K0910...

pages B8/72 to B8/74

Characteristics:

Dimensions: page B8/76

Schemes page B8/77 Click HERE for access to online contactor selector

Schneider Gelectric

Life Is On

B8/7

Contactors

Reversing contactor selection according to utilisation category, see pages A5/34 to A5/39 and A5/42 to A5/45. Integral mechanical interlock.

It is essential to link the contacts of the electrical interlock.

Pre-wired power circuit connections as standard on screw clamp versions. Mounting on 35 mm — rail or Ø4 screw fixing. Screws in the open "ready-to-tighten" position. Add-on auxiliary contact blocks and accessories, see pages B8/13 to B8/15.

3-pole reversing contactors - Motor control 6 to 16 A in categories AC-3 AC-4

- a.c.	COIL								
Standard power ratings of 3-phase motors 50/60 Hz in category AC-3			Rated operational current in category AC-3 440 V	Instar tanec auxil conta conta	ous iary acts per	Basic reference, to be completed by adding the voltage code ⁽¹⁾⁽²⁾			
220 V 230 V	380 V 415 V	440/500 V 660/690 V	up to	Y	7				
kW	kW	kW	Α						
Screw	/ clamp	connections							
1.5	2.2	3	6	1	-	LC2K0610.			

1.5	2.2	3	6	1	-	LC2K0610.
				_	1	LC2K0601.
2.2	2.2 4	4	9	1	-	LC2K0910.
				_	1	LC2K0901.
3	5.5 4 (> 440)	12	1	-	LC2K121000	
	5.5 (440)		-	1	LC2K1201.	
4	4 7.5	4 (> 440)	16	1	-	LC2K1610.
		5.5 (440)		-	1	LC2K1601.

LC2K09105••

LC2K0910

PR1237841

PB123785.eps

Spring terminal connections (3)

For 6 to 12 A ratings only, in the references selected above, insert a figure **3** before the voltage code. Example: **LC2K0610**. becomes **LC2K06103**.

Faston connectors, 1 x 6.35 or 2 x 2.8

For 6 to 16 A ratings, in the references selected above, insert a figure 7 before the voltage code. Example: LC2K0610•• becomes LC2K06107••.

Solder pins for printed circuit boards

For 6 to 16 A ratings, in the references selected above, insert a figure **5** before the voltage code. Example: **LC2K0610**.

Standard control circuit voltages (for other voltages, please consult your Regional Sales office)
Coil voltage codes - a.c. ⁽⁴⁾

ontacto	rs LC2K	K (0.81	1.15 U	c) <i>(0.85</i>	1.1 (Jc)								
12	20	24 ⁽¹⁾	36	42	48	110	115	120	127	200/2	08	220/230	230	230/240
J7	Z7	B7	C7	D7	E7	F7	FE7	G7	FC7	L7		M7	P7	U7
256	277	380/40	00	400	400/	415	440	480	500	575	600	660/690		
W7	UE7	Q7		V7	N7		R7	T7	S7	SC7	X7	Y7		
	12 J7 256	12 20 J7 Z7 256 277	12 20 24 (1) J7 Z7 B7 256 277 380/40	12 20 24 (1) 36 J7 Z7 B7 C7 256 277 380/400	12 20 24 (1) 36 42 J7 Z7 B7 C7 D7 256 277 380/400 400	12 20 24 (1) 36 42 48 J7 Z7 B7 C7 D7 E7 256 277 380/400 400 400/	J7 Z7 B7 C7 D7 E7 F7 256 277 380/400 400 400/415	12 20 24 ⁽¹⁾ 36 42 48 110 115 J7 Z7 B7 C7 D7 E7 F7 FE7 256 277 380/400 400 400/415 440	12 20 24 (*) 36 42 48 110 115 120 J7 Z7 B7 C7 D7 E7 F7 FE7 G7 256 277 380/400 400 400/415 440 480	12 20 24 (*) 36 42 48 110 115 120 127 J7 Z7 B7 C7 D7 E7 F7 FE7 G7 FC7 256 277 380/400 400 400/415 440 480 500	12 20 24 (*) 36 42 48 110 115 120 127 200/2 J7 Z7 B7 C7 D7 E7 F7 FE7 G7 FC7 L7 256 277 380/400 400 400/415 440 480 500 575	12 20 24 (*) 36 42 48 110 115 120 127 200/208 J7 Z7 B7 C7 D7 E7 F7 FE7 G7 FC7 L7 256 277 380/400 400 400/415 440 480 500 575 600	12 20 24 (*) 36 42 48 110 115 120 127 200/208 220/230 J7 Z7 B7 C7 D7 E7 F7 FE7 G7 FC7 L7 M7 256 277 380/400 400 400/415 440 480 500 575 600 660/690	12 20 24 (*) 36 42 48 110 115 120 127 200/208 220/230 230 J7 Z7 B7 C7 D7 E7 F7 FE7 G7 FC7 L7 M7 P7 256 277 380/400 400 400/415 440 480 500 575 600 660/690

Up to and including 240 V, coil with integral suppression device available: add 2 to the code required. Example: J72.

(1) For mains supplies with a high level of interference (voltage surge > 800 V), use a suppressor module LA4KE1FC (50...129 V) or LA4KE1UG (130...250 V), see page B8/14.

(2) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used. (3) For LCeKeeee3 / LPeKeeee3 with spring terminal, Ith max = 10 A.

(4) (0.8...1.15 Uc) for single voltage coil; (0.85...1.1 Uc) for dual voltage coil, exemple 200/208 VAC.



Reversing contactor selection according to utilisation category, see pages A5/34 to A5/39 and A5/42 to A5/45. Integral mechanical interlock.

It is essential to link the contacts of the electrical interlock.

Pre-wired power circuit connections as standard on screw clamp versions.

Mounting on 35 mm - rail or Ø4 screw fixing.

Screws in the open "ready-to-tighten" position. Add-on auxiliary contact blocks and accessories, see pages B8/13 to B8/15.

3-pol	e reve	rsing conta	actors - Motor (contr	ol 6 to	o 12 A in categories AC-3 AC-4 - d.c. coil
Standard power ratings of 3-phase motors 50-60 Hz in category AC-3		Rated operational current in category AC-3 440 V	Instan- taneous auxiliary contacts per contactor		Basic reference, to be completed by adding the voltage code ^{(1) (2)}	
220 V	380 V	440/500 V	up to		Ļ	
230 V	415 V	660/690 V			(
kW	kW	kW	Α			
Screw	clamp	connections				
1.5	2.2	3	6	1	-	LP2K0610.
				-	1	LP2K0601.
2.2	4	4	9	1	-	LP2K0910••
				-	1	LP2K0901.
3	5.5	4 (> 440)	12	1	-	LP2K1210.
		5.5 (440)		-	1	LP2K1201
Spring	g termin	al connectio	ns ⁽³⁾			

In the references selected above, insert a figure 3 before the voltage code.

Example: LP2K0610 + becomes LP2K06103 +

Faston connectors, 1 x 6.35 or 2 x 2.8

In the references selected above, insert a figure 7 before the voltage code.

Example: LC2K0610 + becomes LC2K06107 +.

Solder pins for printed circuit boards

For 6 to 16 A ratings, in the references selected above, insert a figure 5 before the voltage code. Example: LC2K0610 + becomes LC2K06105 +

3-pole low consumption reversing contactors

Compatible with programmable controller outputs.

1.5	1.5 2.2	3	6	1	-	LP5K0610.	
			_	1	LP5K0601.		
2.2 4	4	9	1	_	LP5K0910.		
				_	1	LP5K0901.	
3	5.5	4 (> 440)	12	1	_	LP5K1210.	
		55(440)		_	1	LP5K1201ee	

Spring terminal connections

In the references selected above, insert a figure 3 before the voltage code. Example: LP5K0610 + becomes LP5K06103 +.

Faston connectors, 1 x 6.35 or 2 x 2.8

In the references selected above, insert a figure 7 before the voltage code.

Example: LP5K0610 + becomes LP5K06107 +.

Solder pins for printed circuit boards

In the references selected above, insert a figure 5 before the voltage code.

Example: LP5K0610 + becomes LP5K06105 +

Standard control circuit voltages (for other voltages, please consult your Regional Sales office) Coil voltage codes - d.c. Reversing contactors LP2K (0.8...1.15 Uc)

Volts	12	20	24 ⁽¹⁾	36	48	60	72	100	110	125	155	174	200	220	230	240	250
Code	JD	ZD	BD	CD	ED	ND	SD	KD	FD	GD	PD	QD	LD	MD	MPD	MUD	UD
Coil with integral suppression device available: add 3 to the code required. Example: JD3 .																	

Coil volt	Coil voltage codes - low consumption d.c.										
Reversing contactors LP5K (0.71.3 Uc)											
Volts	12	20	24	48	72	110	120				
Code	JW3	ZW3	BW3	EW3	SW3	FW3	GW3				
0 11 111 1	1 1		G 1 .			1 11 1.1 1.1					

Coil with integral suppression device fitted as standard, by bi-directional peak limiting diode.

(1) For LP2K only, when connecting an electronic sensor or timer in series with the contactor coil, select a 20 V coil (~ control circuit voltage code Z7, ... control circuit voltage code ZD) so as to compensate for the incurred voltage drop.
 (2) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.
 (3) Ext (- 0 K + 0 + 2) (1) Po K + 0 + 2)

(3) For LCoKooo3 / LPoKooo3 with spring terminal, Ith max = 10 A.

			24
Characteristics:	Dimensions:	Schemes:	Click HERE for access
pages B8/72 to B8/75	page B8/78	page B8/79	to online contactor selector
			Lifels (b) Schneider B8/9

Life Is On Schneider

Warning: reversing contactors LC2K0910... and LC2K0901... are pre-wired for reverse motor operation as standard.

Reversing contactor selection according to utilisation category, see pages A5/40 and A5/41. Integral mechanical interlock.

It is essential to link the contacts of the electrical interlock.

Mounting on 35 mm - rail or Ø4 screw fixing.

Screws in the open "ready-to-tighten" position.

Add-on auxiliary contact blocks and accessories, see pages B8/13 to B8/15.

3 or 4-pole reversi	ng contactor	s - Load cont	rol - 20 A in category AC-1 - a.c. coil 🕚
Non-inductive loads Category AC-1 Maximum current at θ ≤ 50 °C	Number of poles	Instantaneous auxiliary contacts per contactor	Basic reference, to be completed by adding the voltage code ^{(2) (3)}
	\$7		
Δ			

Screw clamp connections

20

50/60 Hz

W7

3	-	1	-		LC2K0910.
				or	LC2K1210.
3	_	-	1		LC2K0901.
				or	LC2K1201.
4	-	-	-		LC2K0900400
				or	LC2K12004.

Spring terminal connections (4)

In the references selected above, insert a figure **3** before the voltage code. Example: **LC2K0910** becomes **LC2K09103**.

Faston connectors, 1 x 6.35 or 2 x 2.8

In the references selected above, insert a figure 7 before the voltage code.

Example: LC2K0910 •• becomes LC2K09107 ••.

Solder pins for printed circuit boards

UE7 Q7

In the references selected above, insert a figure ${\bf 5}$ before the voltage code.

Example: LC2K0910 •• becomes LC2K09105 ••.

(1) Coordination tables between 9 and 12 A ratings according to number of operating cycles, see AC-1 curve on page A5/40.

Standa	ra coi	ntrol	circuit	i von	ages	(tor	other	volta	iges,	pleas	e consi	ilt yol	ir Region	ial Sal	es office
Coil volta	age coo	des - a	. C. ⁽⁵⁾												
Reversing	contact	ors LC2	2 K (0.8	1.15 L	lc) <i>(0.8</i>	51.1	Uc)								
Volts	12	20	24 ⁽²⁾	36	42	48	110	115	120	127	200/208		220/230	230	230/240
50/60 Hz	J7	Z7	B7	C7	D7	E7	F7	FE7	G7	FC7	L7		M7	P7	U7
Volts	256	277	380/40	0	400	400/	415	440	480	500	575	600	660/690		

R7 T7 S7

SC7

X7

Y7

Up to and including 240 V, coil with integral suppression device available: add 2 to the code required. Example: J72.

N7

(2) For mains supplies with a high level of interference (voltage surge > 800 V), use a suppressor module LA4KE1FC (50...129 V) or LA4KE1UG (130...250 V), see page B8/14.

(3) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.

(4) For LCoKooo3 / LPoKooo3 with spring terminal, Ith max = 10 A.

(5) (0.8...1.15 Uc) for single voltage coil; (0.85...1.1 Uc) for dual voltage coil, exemple 200/208 V AC.

V7



LC2K0910.



LC2K09105.



Warning: reversing contactors LP2K0910 •• and LP2K0901 •• are pre-wired for reverse motor operation as standard.

Reversing contactor selection according to utilisation category, see pages A5/40 and A5/41. Integral mechanical interlock.

It is essential to link the contacts of the electrical interlock.

Mounting on 35 mm - rail or Ø4 screw fixing.

Screws in the open "ready-to-tighten" position.

Add-on auxiliary contact blocks and accessories, see pages B8/13 to B8/15.

3 or 4-pole reversing of	contactors - I	Load control -	20 A in category AC-1 - d.c. coil (1)
Non-inductive loads Category AC-1 Maximum current at θ ≤ 50 °C	Number of poles	Instantaneous auxiliary contacts per contactor	Basic reference, to be completed by adding the voltage code ⁽²⁾⁽³⁾

20

Scre

ew clamp connections						
	3	-	1	-		LP2K0910.
					or	LP2K121000
	3	-	_	1		LP2K0901.
					or	LP2K120100
	4	-	_	-		LP2K09004ee
					or	LP2K12004ee
ring terminal connections	(4)					

Spring terminal connections

In the references selected above, insert a figure 3 before the voltage code.

Example: LP2K0910 + becomes LP2K09103 +.

Faston connectors, 1 x 6.35 or 2 x 2.8

In the references selected above, insert a figure 7 before the voltage code. Example: LP2K0910 + becomes LP2K09107 +.

Solder pins for printed circuit boards

In the references selected above, insert a figure 5 before the voltage code. Example: LP2K0910 becomes LP2K09105 .

3 or 4-pole reversing contactors - 20 A / AC-1 - d.c. low consumption coil (1)

Compatible with programmable controller outputs.

Wide range coil (0.7...1.30 Uc), suppressor fitted as standard, consumption 1.8 W. Screw clamp connections

20

3	-	1	_		LP5K0910
				or	LP5K1210
3	-	-	1		LP5K0901
				or	LP5K1201
4	-	_	-		LP5K09004
				or	LP5K12004

Spring terminal connections

In the references selected above, insert a figure 3 before the voltage code.

Example: LP5K0910 •• becomes LP5K09103 ••.

Faston connectors, 1 x 6.35 or 2 x 2.8

In the references selected above, insert a figure 7 before the voltage code.

Example: LP5K0910 •• becomes LP5K09107 ••.

Solder pins for printed circuit boards

In the references selected above, insert a figure 5 before the voltage code.

Example: LP5K0910 becomes LP5K09105 ...

(1) Coordination tables between 9 and 12 A ratings according to number of operating cycles, see AC-1 curve on page A5/40.

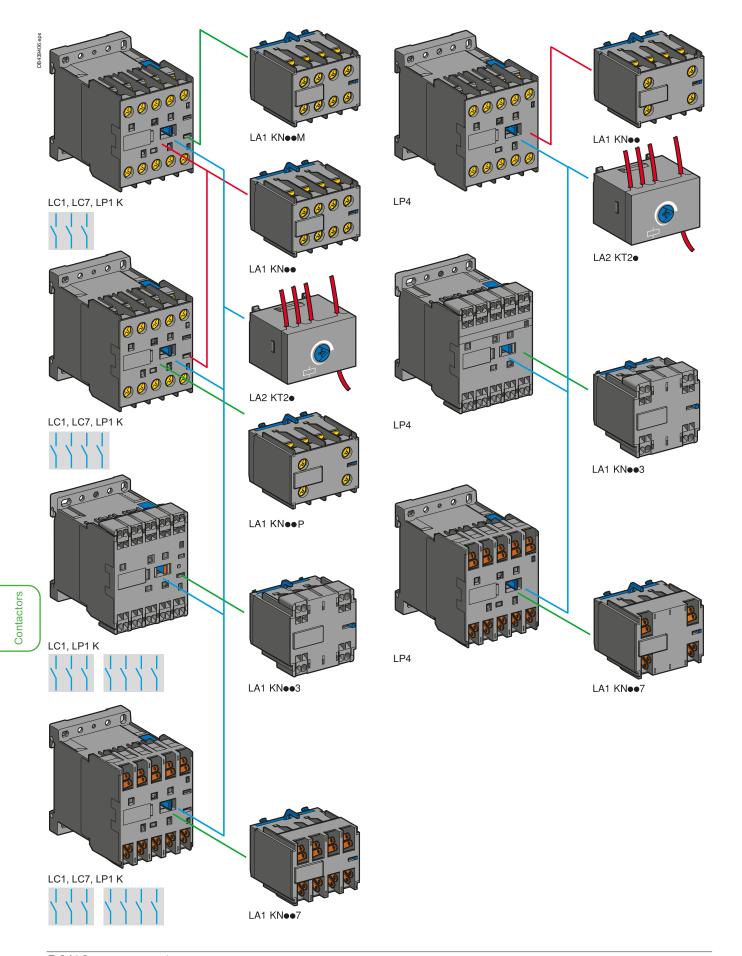
Standard	l con	trol o	circui	it vo	Itage	S (fo	r othe	r volta	ages,	pleas	e con	sult y	our R	egiona	al Sale	es offi	ce)
Coil voltag	e cod	es - d.	c. (rev	ersin	g cont	actors	LP2	K: 0.8.	1.15	Uc)							
Volts	12	20	24 ⁽²⁾	36	48	60	72	100	110	125	155	174	200	220	230	240	250
Code	JD	ZD	BD	CD	ED	ND	SD	KD	FD	GD	PD	QD	LD	MD	MPD	MUD	UD

Coil with integral suppression device available: add 3 to the code required. Example: JD3.

Coil volta	ge codes -	low consu	nption d.c.	(reversing	contactors L	P5K: 0.7	1.3 Uc)
Volts	12	20	24	48	72	110	120
Code	JW3	ZW3	BW3	EW3	SW3	FW3	GW3
Coil with inte	aral suppres	sion device fi	tted as stand	ard, by bi-dire	ectional peak	limiting diode	

(2) For LP2K only, when connecting an electronic sensor or timer in series with the contactor coil, select a 20 V coil (\sim control circuit voltage code Z7, --- control circuit voltage code ZD) so as to compensate for the incurred voltage drop.

(3) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used. (4) For LCeKeeee3 / LPeKeeee3 with spring terminal, Ith max = 10 A.



TeSys Control K Contactors - Auxiliary contacts blocks Product references



LA1KN407

Instantaneous auxiliary contact blocks

Connection	For use on contactors	Comp	position	Reference
Screw clamp	All products with screw clamp	2	-	LA1KN20
terminals	terminals	_	2	LA1KN02
		1	1	LA1KN11
	All products with screw clamp	4	_	LA1KN40
	terminals except low	3	1	LA1KN31
	consumption		2	LA1KN22
		1	3	LA1KN13
		_	4	LA1KN04
Spring terminals	All products with spring	2	_	LA1KN203
	terminals	_	2	LA1KN023
		1	1	LA1KN113
	All products with spring	4	_	LA1KN403
	terminals except low	3	1	LA1KN313
	consumption	2	2	LA1KN223
		1	3	LA1KN133
		_	4	LA1KN043
Faston connectors, 1 x 6.35 or 2 x 2.8	All products with Faston connectors	2	-	LA1KN207
	All products with Faston	4	_	LA1KN407
	connectors except low consumption	3	1	LA1KN317
With terminal ref 1 block per conta	erencing to standard EN 5 actor	0012.	. Clip-on	front mounting,
Screw clamp	All 3-pole + N/O products with	-	2	LA1KN02M
erminals with referencing	screw clamp terminals except LP4 and LP5K12	1	1	LA1KN11M
conforming to	All 3-pole + N/O products with	3	1	LA1KN31M
standard EN 50012	screw clamp terminals except LP4 or LP5K06, K09 and K12	2	2	LA1KN22M

Relay output with common point changeover contact, \sim or — 240 V, 2 A maximum.

Control voltage 0.85...1.1 Uc.

Maximum switching capacity 250 VA or 150 W.

Operating temperature -10...+60 °C.

Reset time: 1.5 s during the time delay period, 0.5 s after the time delay period.

onp on m	onemound	ing, i bioon per conta	0101	
Voltage	Туре	Timing range	Composition	Reference
V		S		
∼ or 24…48	On-delay	130	1	LA2KT2E
\sim 110240	On-delay	130	1	LA2KT2U

TeSys Control K Contactors - Suppressor modules **Product references**



References				
Mounting and connection	Туре	For voltages	Sold in lots of	Unit reference
Clip-on fixing on the front of contactors LC1 and LP1, with	Varistor (1)	\sim and $=$ 1224 V	5	LA4KE1B
locating device. No tools required.		\sim and $=$ 3248 V	5	LA4KE1E
		\sim and $=$ 50129 V	5	LA4KE1FC
		\sim and $=$ 130250 V	5	LA4KE1UG
	Diode + Zener diode ⁽²⁾	1224 V	5	LA4KC1B
		3248 V	5	LA4KC1E
	RC ⁽³⁾	\sim 110250 V	5	LA4KA1U

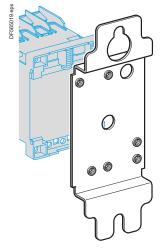
(1) Protection provided by limiting the transient voltage to 2 Uc max. (1) Protection provided by limiting the transient voltage to 2 oct max. Maximum reduction of transient voltage peaks. Slight increase in drop-out time (1.1 to 1.5 times the normal time).
 (2) No overvoltage or oscillating frequency. Polarised component. Slight increase in drop-out time (1.1 to 1.5 times the normal time).

(3) Protection by limiting the transient voltage to 3 Uc max. and limitation of the oscillating

frequency. Slight increase in drop-out time (1.2 to 2 times the normal time).

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TeSys Control K Contactors - Accessories Product references



DX1AP25



Mounting an	d marking a	ccessories		
Description	Application		Sold in lots of	Unit reference
Mounting plates (1)	For fixing on 2 ⊡ rails	110/120 mm fixing centres	10	DX1AP25
Marker holder	Clip-on	Onto front of contactor	100	LA9D90
Clip-in markers	4 maximum per contactor	Strips of 10 identical numbers 09	25	AB1R • ⁽²⁾
		Strips of 10 identical letters AZ	25	AB1G ● ⁽²⁾

Description	Application		Sold in lots of	Unit preference
Paralleling links	For 2 poles	With screw clamps	4	LA9E01
	For 4 poles	With screw clamps	2	LA9E02
Set of 6 power connections	For 3-pole reversing contactors for motor control	For contactors with screw clamp terminals	100	LA9K0969

mounting plate for fixing a contactor and 2 mounting plates for fixing a reversing (1) Order (2) Complete the reference by replacing the dot with the required character.

Mounting and wiring accessories for TeSys K, Deca, F contactors. Star-delta, reverser, low-high speed control motor starters and changeover applications -Product references and details on all kits and wiring accessories.

> Ref. Document: CPTG011_EN

Control Panel Technical Guide:



to download



When implemented with other Schneider Electric products^{*}, Deca green contactors are part of a comprehensive solution that is ideal for all types of industrial machines and processes.



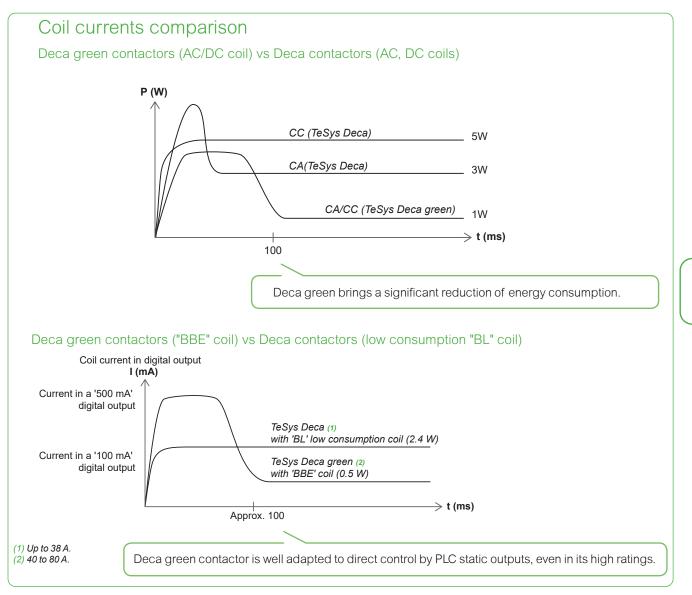
Deca Overload relay

By combining a Deca green contactor with our new Deca electronic overload relay, you will have less heat generation, and further reduce energy consumption.



* such as PLC I/O type M580, M340, M221 or M241 or extended I/O type Advantys STB range, or in association with Deca electronic overload relays or Tera Motor management system.





Contactors



LC1D09...



LC1D40A



Contactors

Deca green contactors have a dark grey casing and a 3-character code voltage.

Standa	ard pow Hz in ca		gs of 3-p	hase mo		Rated opera- tional current	Inst tane auxi		400 V - Category Basic reference, to be completed by a the control voltage o	adding	Weight
	380 V 400 V	415 V	440 V	500 V	660 V 690 V	in AC-3 440 V up to		Ļ	Fixing ⁽²⁾		
kW	kW	kW	kW	kW	kW	A				· · · · · · · · · · · · · · · · · · ·	kg
Conn	ection	by scre	ew clan	np term	inals						
2.2	4	4	4	5.5	5.5	9	1	1	LC1D09eee		0.368
3	5.5	5.5	5.5	7.5	7.5	12	1	1	LC1D12000		0.373
1	7.5	9	9	10	10	18	1	1	LC1D18		0.378
5.5	11	11	11	15	15	25	1	1	LC1D25000		0.433
7.5	15	15	15	18.5	18.5	32	1	1	LC1D32		0.438
)	18.5	18.5	18.5	18.5	18.5	38	1	1	LC1D38		0.442
Powe	r conn	ections	s by Ev	erLink®	BTR (3)	screw co	onne	ctors a	and control by scre	w clamp terminal	
11	18.5	22	22	22	30	40	1	1	LC1D40A.		0.992
15	22	25	30	30	33	50	1	1	LC1D50Aeee		0.997
18.5	30	37	37	37	37	65	1	1	LC1D65Aeee		1.002
22	37	37	37	37	37	66	1	1	LC1D80Aeee		1.002
For LC1 Examp	D40Atc	LC1D80	• becc	t a figure omes LC	C1D40A						
				ocks a	nd ad	d-on m	odu	les			
	-	3/36 to I									
Con	trol v	oltage	e code	es							
AC/D	C or 24	V DC	supply								
Volts		2	4 (DC or	nly)	2	24-60			48-130	100-250	
	9D38, 0A D8										
J 0.85	1.1 Uc	;			E	BNE			EHE	KUE	
_C1D0	9 D38										
J 0.8	. 1.2 Uc	E	BNE								

U 0.8 ... 1.2 Uc LC1D40A ... D80A

U 0.8...1.2 Uc

(1) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.

(2) LC1D09 to D80A: clip-on mounting on 35 mm r rail NSYSDR or screw fixing.

BBE

(3) BTR screws: hexagon socket head. In accordance with local electrical wiring regulations, a size 4 insulated Allen key must be used (reference LADALLEN4, see B8/42).

page B8/90





LC1D09•••



LC1D40A...



LC1DT60A

Deca green contactors have a dark grey casing and a 3-character code voltage.

3-pole contact					m 25 to 80 A -		0
Non inductive loads maximum current $(\theta \leq 60 \ ^{\circ}C)$ utilisation category		Insta tane auxi cont	an- ous liary		Partial reference, to be completed by the control voltage	y adding	Weight
AC-1	$\sqrt{\frac{1}{7}}$		Ļ		Fixing ⁽²⁾		
) (ĺ				
A							kg
Connection by so	rew clamp	term	inals				
25	3	1	1		LC1D09		0.368
				or	LC1D12		0.373
32	3	1	1		LC1D18		0.378
40	3	1	1		LC1D25eee		0.433
50	3	1	1		LC1D32000		0.438
				or	LC1D38eee		0.442
Connection by Ev	/erLink®, B	TR sc	rew c	onn	ectors ⁽³⁾		
60	3	1	1		LC1D40A.		0.992
80	3	1	1		LC1D50Aeee		0.997
				or			1.002
				or			1.002
Connection for lug	gs or bars						
For LC1D40A to LC1D	80A, insert a	figure	6 befor	e the	voltage code.		
Example: LC1D40A	lee becom	es LC	1D40	A6•	•		
4-pole contac	tors						
Connection by Ev	/erLink®, B	TR (3)	screw	/ co	nnectors		
60	4	1	1		LC1DT60A		1.230
80	4	1	1		LC1DT80A		1.290
Connection for lug	as or bars						
For LC1DT60A to LC1	-	t a fiqu	re 6 be	fore	the voltage code.		
Example: LC1DT60					°		
4-pole change							
Connection by Ev					anactors		
60	4	1	1				2.460
80	4	1	1				2.580
	•	I	I		LC2DTOUAGO		2.300
Control voltag							
AC/DC 24 V DC s					10.105	100.000	
	(DC only)	24-			48-130	100-250	
LC1D09D80A and I	LC•DT60A						
U 0.85 1.1 Uc		BN	E		EHE	KUE	
LC1D09 D38	-						
U 0.8 1.2 Uc BN							
LC1D40 to LC1D80A		to LC.	DT80A	•			
U 0.81.2 Uc BB							
(1) Please check the function of your v				it in t	ne index page B8/5	o. The SEAI	KCH

function of your viewer can be used. (2) LC1D09 to D80A, LC•DT60A and LC•DT80A: clip-on mounting on 35 mm r rail NSYSDR

(2) Lord to book, Loop for an Loop for an Loop for any provided and the loop for any provided any provided

for values.

Schneider Life Is On

Click HERE for access

to online contactor selector

B8/19



LC1D09•••



LC1D40A.



Contactors

Deca green contactors have a dark grey casing and a 3-character code voltage.

Standa	ard power	ratings o	of motors	50/60 Hz	<u>.</u>	Associated cable	Continuous	Type of contactor required		
Single-phase 1 Ø		3-phas 3 Ø	e			type 75 °C-Cu	current	Partial reference, to be completed by adding the control voltage code ⁽¹⁾		
115 V	230 V 240 V	200 V 208 V	230 V 240 V	460 V 480 V	575 V 600 V			Fixing, connection ⁽²⁾		
HP	HP	HP	HP	HP	HP		A			
Conn	ection by	y screw	clamp t	erminal	s					
1/3	1	2	2	5	7.5	AWG 18 - 10	25	LC1D09eee		
0.5	2	3	3	7.5	10	AWG 18 - 10	25	LC1D12000		
1	3	5	5	10	15	AWG 18 - 8	32	LC1D18		
2	3	7.5	7.5	15	20	AWG 14 - 6	40	LC1D25000		
2	5	10	10	20	25	AWG 14 - 6	50	LC1D32		

Pov	ver conne	ections b	oy Ever	Link [®] B ⁻	rr ⁽³⁾ scr	ew connectors and	control by s	spring terminals
3	5	10	10	30	30	AWG 16 - 2	60	LC1D40A
3	7.5	15	15	40	40	AWG 16 - 2	70	LC1D50Aeee
5	10	20	20	40	50	AWG 16 - 2	80	LC1D65Aeee
5	10	20	20	40	50	AWG 16 - 2	80	LC1D80Aeee

Connection for lugs or bars

For LC1D40A to LC1D80A, insert a figure 6 before the voltage code.

Example: LC1D40A ... becomes LC1D40A6 ...

Applications with High-Fault Short-Circuit Current ratings

High-fault short-circuit current ratings are: 100 kA at 600 V with Class J fuses and 85 kA (D09-38), 100 kA (D40A-65A) at 480 V and 50 kA at 600 V with circuit breakers.

Control volta	age codes			
AC/DC 24 V DC	supply			
Volts	24 (DC only)	24-60	48-130	100-250
LC1D09 D32, LC ²	1D40A D80A			
U 0.85 1.1 Uc		BNE	EHE	KUE
LC1D09 D38				
U 0.8 1.2 Uc	BNE			
LC1D40A D80A				
U 0.81.2 Uc	BBE			

(1) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.

 (2) LC1D09 to D80: clip-on mounting on 35 mm \r rail NSYSDR or screw fixing.
 (3) BTR screws: hexagon socket head. In accordance with local electrical wiring regulations, a size 4 insulated Allen key must be used (reference LADALLEN4, see page B8/42).



Deca green contactors - Coordination with PLC output modules (static/relay/triac)

Selection of PLC coordinated contactors

Laboratory tests have been carried out in order to validate trouble free contactor closings and openings with different PLC output modules.

The coil must be defined according to the contactor rating range and output module. See selection table below.

The PLC	your are using				Compatible	Coil code
PLC type	Output type	Output I (A)	Output module commercial reference	>>>	contactors ⁽¹⁾	
M221 /	Static output:	0.5	TM3DQ8 • • • and Q16 • •		LC1D09ee to LC1D38ee,	BL, BNE
M241 / M251	24 V DC		(T, TG, U, UG)	>>>	LC1D40A••• to LC1D80A, LC1DT60A••• to LC1DT80A•••	BBE
		0.3 (sealed) 0.8 (inrush)	TM3XTYS4	>>>	LC1D40A eee to LC1D80A, LC1DT60A eee to LC1DT80A eee	BBE, BD, BNE
		0.1	TM3DQ16●● and Q32●● (TK, UK)	>>>	LC1D09ee to LC1D38ee	BL
	Relay output: 24 V DC / 230 V AC	2	TM3DQ8 and DQ16 (R,RG), TM3DM8 and DM24 (R,RG)	>>>	LC1D09 •• to LC1D38 ••, LC1D40A ••• to LC1D80A, LC1DT60A ••• to LC1DT80A •••	Code of any DC coil up to 24 V or any AC coil up to 230 V
M340 /	Static output:	0.5	BMXDDO1602 and DM16022		LC1D09ee to LC1D38ee	BL, BNE
M580	24 V DC			>>>	LC1D40A••• to LC1D80A, LC1DT60A••• to LC1DT80A•••	BBE
		0.1	BMXDDO3202, BMXDDM3202K, BMXDDO6402K	>>>	LC1D09●● to LC1D38●●	BL
	Relay output: 24 V DC / 230 V AC	2	BMXDRA0805 and DM16025	>>>	LC1D09•• to LC1D38••, LC1D40A••• to LC1D80A, LC1DT60A••• to LC1DT80A•••	Code of any DC coil up to 24 V or any AC coil up to 230 V
	Triac output: 230 V AC	0.6	BMXDAO1605	>>>	LC1D09•• to LC1D38••, LC1D40•• to LC1D80A•••, LC1DT60A••• to LC1DT80A•••	Code of any AC coil up to 230 V (P7 code = 230 V)
ADVANTYS	Static output: 24 V DC	0.5	STBDDO3200		LC1D09ee to LC1D38ee	BL, BNE
				>>>	LC1D40Aeee to LC1D80A, LC1DT60Aeee to LC1DT80Aeee	BBE
	Triac output: 230 V AC	2	STBDAO8210	>>>	LC1D09•• to LC1D38••, LC1D40A••• to LC1D80A, LC1DT60A••• to LC1DT80A•••	Code of any AC coil up to 230 V (P7 code = 230 V AC)

Coils consumption characteristics

Coil type	Uc DC - min -max	Average consumption	n at UC DC / 20 °C
		Inrush	Sealed
BL	24 V - 0.8 Uc to 1.1 Uc	2.4 W - 2.4 VA	2.4 W - 2.4 VA
BNE		14 W - 14 VA	0.7 W - 0.7 VA
BBE		11 W - 11 VA	0.5 W - 0.5 VA

(1) Replace dot by coil code. Ex LC1D09•• becomes LC1D09BL.





LC1D25ee







LC1D95

Contactors



LC1D115.

50-60	tandard power ratings of 3-phase motors 0-60 Hz in category AC-3 0 ≤ 60 °C) 20 V 380 V 415 V 440 V 500 V 660 V 1000 30 V 400 V 690 V					otors	Rated opera- tional current in AC-3	Insta tanec auxili conta	ous ary	Basic reference, to be completed by adding the control voltage code ⁽¹⁾	Weight (3)
		415 V	440 V	500 V		1000 V	[–] 440 V up to		7		
kW	kW	kW	kW	kW	kW	kW	Α				kg
Conn	ectio	n by s	crew	clamp	o term	inals					
2.2	4	4	4	5.5	5.5	-	9	1	1	LC1D09ee	0.320
3	5.5	5.5	5.5	7.5	7.5	-	12	1	1	LC1D12ee	0.325
4	7.5	9	9	10	10	-	18	1	1	LC1D18ee	0.330
5.5	11	11	11	15	15	-	25	1	1	LC1D25ee	0.370
7.5	15	15	15	18.5	18.5	-	32	1	1	LC1D32ee	0.375
9	18.5	18.5	18.5	18.5	18.5	-	38	1	1	LC1D38ee	0.380
Powe	r con	nectio	ons by	y Ever	Link®	BTR so	rew conr	nector	'S ⁽⁴⁾ a	and control by screw clamp terminal	
11	18.5	22	22	22	30	-	40	1	1	LC1D40Aee	0.850
15	22	25	30	30	33	-	50	1	1	LC1D50Aee	0.855
	30	37	37	37	37	-	65	1	1	LC1D65Aee	0.860
22	37	37	37	37	37	-	66	1	1	LC1D80A.	0.860
Conn	ectio	n by s	crew	clamp	o term	inals or	· connect	ors			
22	37	45	45	55	45	45	80	1	1	LC1D80ee	1.590
25	45	45	45	55	45	45	95	1	1	LC1D95ee	1.610
	55	59	59	75	80	65	115	1	1	LC1D115	2.500
40	75	80	80	90	100	75	150	1	1	LC1D150ee	2.500

3-pole contactors - Motor control up to 75 kW at 400 V, in category AC-3

Connection by lugs or bars

In the references selected above, insert a figure 6 before the voltage code. Example: LC1D09ee becomes LC1D096ee.

Separate components

Auxiliary contact blocks and add-on modules: see pages B8/36 to B8/42.

Volts	24	42	48	110	115	220	230	240	380	400	415	440	500
C1D09D150 (D115 and [D150 coils	with bu	ilt-in sup	pressio	on as sta	andard,	by bi-d	irection	al peak	limiting	diode).		
0/60 Hz	B7	D7	E7	 F7	FE7	M7	 P7	U7	Q7	V7	N7	R7	S7
C1D09D65 (not available	e with "con	nection	for lugs	or bars	;")								
0 Hz	B5	D5	E5				P5						
C1D80D115													
0 Hz	B5	D5	E5	F5	FE5	M5	P5	U5	Q5	V5	N5	R5	S5
0 Hz	B6	-	E6	F6	-	M6	-	U6	Q6	-	-	R6	-
d.c. supply													
Volts	12	24	36	48	60	72	110	125	220	250	440		
C1D09D38 (coils with int	egral supp	ressior	device	fitted as	s standa	ırd, by l	oi-direct	ional pe	eak limit	ing diod	de)		
0.71.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	ŬD	RD		
C1D40A D65A (coils with	n integral s	uppres	sion dev	/ice fitte	d as sta	ndard,	by bi-di	rectiona	al peak	limiting	diode)		
0.751.25 Uc	JD	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	RD		
C1D80D95													
0.851.1 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD		
0.751.2 Uc	JW	BW	CW	EW	-	SW	FW	-	MW	-	-		
C1D115 and D150 (coil wit	h built-in s	uppress	sion dev		tandard								
0.751.2 Uc	-	BD	-	ED	ND	SD	FD	GD	MD	UD	RD		
Low consumption DC	(for low	consu	mptio	n AC/I	DC: De	ca gro	een co	ntacto	ors, pa	ge B8	/18)		
Volts	5	12	20	24	48	110	220	250					
	togral sup	pressio	n device	fitted a	s standa	ard, by	bi-direc	tional p	eak limi	ting dio	de)		
C1D09D38 (coils with in	iegrai sup				EL	FL	ML	UL					

(2) LC1D09 to D80A: clip-on mounting on 35 mm ⊥rail NSYSDR or screw fixing. LC1D80 to D95 ~: clip-on mounting on 35 mm ⊥rail NSYSDR or 75 mm ⊥rail AM1DL or screw fixing. LC1D80 to D95 ...: clip-on mounting on 75 mm ⊥rail AM1DL or screw fixing. LC1D115 and D150: clip-on mounting on 2 x 35 mm ⊥rails NSYSDR or screw fixing.
 (3) The weights indicated are for contactors with a.c. control circuit. For d.c. or low consumption control circuit, add 0.160 kg from LC1D09 to D38, 0.075 kg from LC1D40A to D80A and 1 kg for LC1D80 and D95.
 (4) BTR screws: hexagon socket head. In accordance with local electrical wiring regulations, a size 4 insulated Allen key must be used (reference 1 D04) LDM1 see page P8(4).

used (reference LADALLEN4, see page B8/42).

(5) For these coil voltages, choose from Deca green contactors. Same product ref. radical, just add BBE coil voltage code for 24 V DC, BNE for 24-60V AC/DC, EHE for 48-130 V AC/DC, KUE for 100-250 V AC/DC. Exemple: LC1D40ABBE.

Characteristics:	Dimensions:	Schemes:	Click <u>HERE</u> for access
pages B8/80 to B8/87	pages B8/94 to B8/97	pages B8/101 to B8/102	
B8/22 Life Is On	Schneider		



LC1D123.



(θ ≤ 60 °C) current in auxiliary the control voltage code AC-3 440 V contacts up to Fixing⁽²⁾ 220 V 380 V 415 V 440 V 500 V 660 V 1000 V 230 V 400 V 690 V kW kW kW kW kW kW kW Α Power and control connections by spring terminals 2.2 4 4 4 5.5 5.5 g 1 1 LC1D093. 55 5.5 5.5 75 75 12 1 1 LC1D123 •• 4 7.5 10 18 1 LC1D183ee 9 9 10 1 5.5 25 LC1D253. 11 11 11 15 15 1 1 7.5 15 15 15 18.5 18.5 32 (3) 1 1 LC1D323. **Power connecti** ons by EverLink[®] BTR screw connectors ⁽⁴⁾ and control by spring terminals 11 18.5 22 22 22 30 40 LC1D40A3 •• 1 1 15 22 25 30 30 33 50 1 LC1D50A3 •• 1 18.5 30 37 37 37 37 65 1 1 LC1D65A3 22 37 37 66 LC1D80A3. 37 37 37 1 1

Instan-

taneous

Basic reference,

to be completed by adding

3-pole contactors - Motor control up to 30 kW at 400 V, in category AC-3

operational

Rated

Connection by Faston connectors

Standard power ratings of 3-phase motors

50-60 Hz in category AC-3

3

These contactors are fitted with Faston connectors: 2 x 6.35 mm on the power poles and 1 x 6.35 mm on the coil and auxiliary terminals

For contactors LC1D09 and LC1D12 only, replace the figure 3 with a 9 in the references selected above. Example: LC1D093 •• becomes LC1D099 ••

LC1D80A3.

Separate components

Auxiliary contact blocks and add-on modules: see pages B8/36 to B8/42.

Standard control c	ircuit	volta	ges (f	or othe	r volta	iges, p	lease d	consult	i your l	Region	al Sales	s Office)
a.c. supply												
Volts	24	42	48	110	115	220	230	240	380	400	415	440
LC1D09D80A												
50/60 Hz	B7	D7	E7	F7	FE7	M7	P7	U7	Q7	V7	N7	R7
d.c. supply												
Volts	12	24	36	48	60	72	110	125	220	250	440	
LC1D09D32 (coils with inte	gral supp	pression	device f	itted as	standar	d, by bi-o	directior	al peak	limiting	diode)		
U 0.71.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD	
LC1D40AD65A (coils with	integral s	suppress	sion dev	ice fitted	as stan	dard, by	bi-dired	ctional p	eak limit	ing diode	e)	
U 0.751.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD	
Low consumption												
Volts	5	12	20	24	48	110	220	250				

Volts 20 110 220 12 24 48 5 LC1D09...D32 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

JL ΖL ΒL EL U 0.8...1.25 Uc AL FL ML

For other voltages between 5 and 690 V, see pages B8/45 to B8/48.

used (reference LADALLEN4, see page B8/42).

(1) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.

 (2) LC1D09 to D32: clip-on mounting on 35 mm lr rail NSYSDR or screw fixing.
 (3) Must be wired with 2 x 4 mm² cables in parallel on the upstream side. On the downstream side, outgoing terminal block LAD331 may be used (Quickfit technology, see page B1/18). When wired with a single cable, the product is limited to 25 A

(11 kW/400 V motors). (4) BTR screws: hexagon socket head. In accordance with local electrical wiring regulations, a size 4 insulated Allen key must be

Characteristics:

pages B8/80 to B8/87

Dimensions: pages B8/94 to B8/97



UL



LC1D09••



For other voltages between 5 and 690 V, see pages B8/45 to B8/48.

- (1) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.
- (2) LC1D09 to D80A: clip-on mounting on 35 mm _rail NSYSDR or screw fixing.
- LC1D80 and D95 ~: clip-on mounting on 35 mm ur rail NSYSDR or 75 mm ur rail AM1DL or screw fixing. LC1 or LP1D80 to D95 ...: clip-on mounting on 75 mm ur
- rail AM1DL or screw fixing.
 LC1D115 and D150: clip-on mounting on 2 x 35 mm ⊥r rails NSYSDR or screw fixing.
 (3) The weights indicated are for contactors with a.c. control
- circuit. For d.c. or low consumption control circuit, add 0.160 kg from LC1D09 to D38, 0.075 kg from LC1D40A to D80A and 1 kg for LC1D80 and D95.
- (4) BTR screws: hexagon socket head. In accordance with local electrical wiring regulations, a size 4 insulated Allen key must be used (reference LADALLEN4, see page B8/42).
- (5) Coordination tables according to the number of operating cycles, see AC-1 curve, page A5/40. (6) 32 A with $2 \times 4 mm^2$ cables connected in parallel.
- (7) For these coil voltages, choose from Deca green contactors. Same product ref. radical, just add BBE coil voltage code for 24 V DC, BNE for 24-60 V AC/DC, EHE for 48-130 V AC/DC, KUE for 100-250 V AC/DC. Exemple: LC1D40ABBE.

3-pole contactors - Load control from 25 to 200 A in category AC-1

Non inductive loads maximum current $(\theta \le 60 \ ^{\circ}C)$ utilisation cate AC-1		es tan aux	tan- eous ciliary itacts		Basic reference, to be completed by adding the control voltage code ⁽¹⁾ Fixing ⁽²⁾	Weight (3)
A		· · ·				kg
Connection	by screw c	lamp terr	ninals			-
25	3	1	1		LC1D09ee	0.320
				or	LC1D12ee	0.325
32	3	1	1		LC1D18ee	0.330
40	3	1	1		LC1D25ee	0.370
50	3	1	1		LC1D32ee	0.375
				or	LC1D38ee	0.380
Connection	by EverLin	k®, BTR s	crew o	conn	ectors ⁽⁴⁾	
60	3	1	1		LC1D40Aee	0.850
30	3	1	1		LC1D50Aee	0.855
				or		0.860
				or	LC1D80A•• (5)	0.860
Connection I	by screw c	lamp terr	ninals	or c	onnectors	
125	3	1	1		LC1D80	1.590
				or	LC1D95•• ⁽⁵⁾	1.610
200	3	1	1		LC1D11500	2.500
				or	LC1D150ee (6)	2.500

In the references selected above, insert a figure 6 before the voltage code. Example: LC1D09ee becomes LC1D096ee.

Standard control circuit voltages (for other voltages, please consult your Regional Sales Office) a.c. supply Volts 24 42 48 110 115 220 230 240 380 400 415 440 LC1D09D150 (LC1D115 and D150 coils with built-in suppression device as standard) 50/60 Hz B7 D7 E7 FE7 M7 P7 U7 Q7 V7 N7 R7 LC1D09D65 (not available with "connection for lugs or bars") 50 Hz B5 D5 E5 P5 LC1D80D150 50 Hz B5 D5 E5 F5 F5 U5 Q5 V5 N5 R5 60 Hz B6 - E6 F6 - M6 - U6 Q6 - R6 d.c. supply Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional plimiting diode) U0.71.25 Uc <th>S7 S5 -</th>	S7 S5 -
a.c. supply Volts 24 42 48 110 115 220 230 240 380 400 415 440 LC1D09D150 (LC1D115 and D150 coils with built-in suppression device as standard) 50/60 Hz B7 D7 E7 F7 FE7 M7 P7 U7 Q7 V7 N7 R7 LC1D09D65 (not available with "connection for lugs or bars") 50 Hz B5 D5 E5 P5 LC1D80D150 50 Hz B5 D5 E5 FE5 M5 P5 U5 Q5 N5 R5 60 Hz B6 – E6 F6 – M6 – U6 Q6 – – R6 d.c. supply Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional primiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	S7 S5 -
Volts 24 42 48 110 115 220 230 240 380 400 415 440 LC1D09D150 (LC1D115 and D150 coils with built-in suppression device as standard) 50/60 Hz B7 D7 E7 F7 FE7 M7 P7 U7 Q7 V7 N7 R7 LC1D09D65 (not available with "connection for lugs or bars") 50 Hz B5 D5 E5 P5 L L L L D150 S0 S7 F7 FE7 M7 P7 U7 Q7 V7 N7 R7 LC1D80D150 50 E5 F5 F5 M5 P5 U5 Q5 V5 N5 R5 60 Hz B6 - E6 F6 - M6 - U6 Q6 - R6 dc. standard, by bi-directional p Withintegral suppression device fitted as standard, by bi-directional p Limiting diode) U U.71.25 U JD	S7 S5 -
LC1D09D150 (LC1D115 and D150 coils with built-in suppression device as standard) 50/60 Hz B7 D7 E7 F7 FE7 M7 P7 U7 Q7 V7 N7 R7 LC1D09D65 (not available with "connection for lugs or bars") 50 Hz B5 D5 E5 P5 LC1D80D150 50 Hz B5 D5 E5 F5 FE5 M5 P5 U5 Q5 V5 N5 R5 60 Hz B6 - E6 F6 - M6 - U6 Q6 R6 d.c. supply Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional p limiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	S7 S5 -
50/60 Hz B7 D7 E7 F7 FE7 M7 P7 U7 Q7 V7 N7 R7 LC1D09D65 (not available with "connection for lugs or bars") 50 Hz B5 D5 E5 P5 LC1D80D150 50 Hz B5 D5 E5 P5 U5 Q5 V5 N5 R5 50 Hz B5 D5 E5 F5 FE5 M5 P5 U5 Q5 V5 N5 R5 60 Hz B6 E6 F6 M6 U6 Q6 - R6 d.c. supply Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional p Imiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	S5 -
LC1D09D65 (not available with "connection for lugs or bars") 50 Hz B5 D5 E5 P5 50 Hz B5 D5 E5 F5 V5 V5 N5 R5 50 Hz B5 D5 E5 F5 V5 V5 N5 R5 60 Hz B6 - E6 F6 - M6 - U6 Q6 - - R6 d.c. supply Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional plimiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	S5 -
50 Hz B5 D5 E5 P5 LC1D80D150 50 Hz B5 D5 E5 F5 FE5 M5 P5 U5 Q5 V5 N5 R5 60 Hz B6 - E6 F6 - M6 - U6 Q6 - - R6 d.c. supply Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional plimiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	-
LC1D80D150 50 Hz B5 D5 E5 F5 FE5 M5 P5 U5 Q5 V5 N5 R5 60 Hz B6 - E6 F6 - M6 - U6 Q6 - - R6 d.c. supply Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional plimiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	-
50 Hz B5 D5 E5 F5 FE5 M5 P5 U5 Q5 V5 N5 R5 60 Hz B6 – E6 F6 – M6 – U6 Q6 – – R6 d.c. supply Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional plimiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	-
60 Hz B6 – E6 F6 – M6 – U6 Q6 – – R6 d.c. supply Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional plimiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	-
d.c. supply Constraint Constrait Constrait Constrai	
Volts 12 24 36 48 60 72 110 125 220 250 440 LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional plimiting diode) 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	ook
LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional p limiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	ook
limiting diode) U 0.71.25 Uc JD BD CD ED ND SD FD GD MD UD RD	ook
	eak
LC1D40A D65A (coils with integral suppression device fitted as standard, by bi-direction	
peak limiting diode)	nal
U 0.751.25 Uc JD ⁽⁷⁾ RD	
LC1 or LP1D80 and D95	
U 0.851.1 Uc JD BD CD ED ND SD FD GD MD UD RD	
U 0.751.2 Uc JW BW CW EW - SW FW - MW	
LC1D115 and D150 (coils with built-in suppression device fitted as standard)	
U 0.751.2 Uc - BD - ED ND SD FD GD MD UD RD	
Low consumption	
Volts	
LC1D09D38 (coils with integral suppression device fitted as standard, by bi-directional p limiting diode)	eak
U 0.81.25 Uc AL JL ZL BL EL FL ML UL	



Dimensions pages B8/94 to B8/97

Schneider Belectric





LC1D123.



LC1D80A3.

3-pole contactors - Load control from 16 to 80 A in category AC-1

AC-1						
Non inductive loads maximum current $(\theta \leq 60 \ ^{\circ}C)$ utilisation category AC-1	Num of po	au	stan- neous xiliary ntacts		Basic reference, to be completed by adding the control voltage code ⁽¹⁾ Fixing ⁽²⁾	Weight (3)
A						kg
Connection by	spring	termi	nals			
16	3	1	1		LC1D093 • (4)	0.320
				or	LC1D123 • (4)	0.325
25	3	1	1		LC1D183•• ⁽⁵⁾	0.335
				or	LC1D253 • ⁽⁶⁾	0.325
				or	LC1D323 • ⁽⁶⁾	0.325
Power connect spring terminal		y Ever	Link®	BT	R screw connectors ⁽⁷⁾ and co	ontrol by
60	3	1	1		LC1D40A3ee	0.850
30	3	1	1		LC1D50A3•• ⁽⁸⁾	0.855
				or	LC1D65A3ee (8)	0.860
				or		0.860

3-pole contactors for connection by Faston connectors

These contactors are fitted with Faston connectors: 2×6.35 mm on the power poles and 1×6.35 mm on the coil terminals. For contactors LC1D09 and LC1D12 only, in the references selected from the previous page, insert a figure **9** before the voltage code. Example: LC1D09•• becomes LC1D099••.

Separate components

Auxiliary contact blocks and add-on modules: see pages B8/36 to B8/42.

Circ ease 42 D7 24 itegral h integ	48 E7 36 suppr CD gral su	F7 48 ED	115 FE7 60 n devin	Regic 220 M7 72 ce fitte SD	230 P7 110 ed as FD fitted	240 U7 125 stand	380 Q7 220 ard, b MD	400 V7 250 by bi-c	N7 440 directio	R7 onal p	S7 eak
D7 24 Itegral BD	E7 36 suppr CD gral su	F7 48 ession ED	FE7 60 n devie ND sion d	M7 72 ce fitte SD levice	P7 110 ed as FD fitted	U7 125 stand	Q7 220 ard, b	V7 250 by bi-c	N7 440 directio	R7 onal p	S7 eak
D7 24 Itegral BD	E7 36 suppr CD gral su	F7 48 ession ED	FE7 60 n devie ND sion d	M7 72 ce fitte SD levice	P7 110 ed as FD fitted	U7 125 stand	Q7 220 ard, b	V7 250 by bi-c	N7 440 directio	R7 onal p	S7 eak
24 Itegral BD h integ	36 suppr CD gral su	48 ression ED rppres	60 n devin ND sion d	72 ce fitte SD levice	110 ed as FD fitted	125 stand	220 ard, b	250 by bi-c	440 directio	onal p	eak
24 Itegral BD h integ	36 suppr CD gral su	48 ression ED rppres	60 n devin ND sion d	72 ce fitte SD levice	110 ed as FD fitted	125 stand	220 ard, b	250 by bi-c	440 directio	onal p	eak
itegral BD h integ	suppr CD gral su	ED ED	n devi ND sion d	ce fitte SD levice	ed as FD fitted	stand GD	ard, b	by bi-c	lirection RD		
itegral BD h integ	suppr CD gral su	ED ED	n devi ND sion d	ce fitte SD levice	ed as FD fitted	stand GD	ard, b	y bi-c	lirection RD		
BD h integ	CD gral su	ED	ND sion d	SD levice	FD fitted	GD	MD	UD	RD		
h integ	gral su	ppres	sion d	levice	fitted					ection	al
						as sta	andar	d, by	bi-dire	ection	al
BD	CD	ED	ND	SD							
			TTD	30	FD	GD	MD	UD	RD		
12	20	24	48	110	220	250					
ntegra	l supp	ressio	n dev	ice fitt	ed as	stand	lard, l	by bi-	directi	onal p	beak
JL	ZL	BL	EL	FL	ML	UL					
ability can b re for c kg fro bles cor es con	of you be use inting contac om LC onnecte necte	ur var on 35 tors w 1D09 ted in pa d in pa	iant in mm ∟ ith a.c to D38 parallel arallel.	n the i ⊥ rail t. cont 8 and el.	NSY rol cir 0.075	page SDR c cuit. F kg fre	or scre For d.c om L(ew fixi c. or lo C 1D4	ing. ow col 0A to :	nsumj D80A	
	JL 5 and ability r can to on mou re for co 0 kg fro bles co les cor les con	JL ZL 5 and 690 V ability of you r can be use on mounting re for contac 0 kg from LC bles connecte les connecte	JL ZL BL 5 and 690 V, see J ability of your var r can be used. on mounting on 35 re for contactors w 0 kg from LC1D09 bles connected in p les connected in p les connected in p	JL ZL BL EL 5 and 690 V, see pages ability of your variant in r can be used. on mounting on 35 mm 1 re for contactors with a. c 0 kg from LC1D09 to Datalle bles connected in parallel les connected in parallel.	JL ZL BL EL FL 5 and 690 V, see pages B8/4 ability of your variant in the i r can be used. on mounting on 35 mm _ rail re for contactors with a.c. cont 0 kg from LC1D09 to D38 and bles connected in parallel. les connected in parallel. les connected in parallel.	JL ZL BL EL FL ML 5 and 690 V, see pages B8/45 to B ability of your variant in the index r can be used. on mounting on 35 mm ⊥_r rail NSYS re for contactors with a.c. control cir 0 kg from LC1D09 to D38 and 0.075 bles connected in parallel. les connected in parallel. les connected in parallel.	JL ZL BL EL FL ML UL 5 and 690 V, see pages B8/45 to B8/48. ability of your variant in the index page r can be used. on mounting on 35 mm ⊥r rail NSYSDR of re for contactors with a.e. control circuit. F 0 kg from LC1D09 to D38 and 0.075 kg fro bles connected in parallel. les connected in parallel. les connected in parallel.	JL ZL BL EL FL ML UL 5 and 690 V, see pages B8/45 to B8/48. ability of your variant in the index page B8/5 r can be used. on mounting on 35 mm r rail NSYSDR or scre re for contactors with a.c. control circuit. For d. 0 kg from LC1D09 to D38 and 0.075 kg from LO bles connected in parallel. les connected in parallel. les connected in parallel.	JL ZL BL EL FL ML UL 5 and 690 V, see pages B8/45 to B8/48. ability of your variant in the index page B8/55. The r can be used. on mounting on 35 mm ∟r rail NSYSDR or screw fixe re for contactors with a.c. control circuit. For d.c. or le 0 kg from LC1D09 to D38 and 0.075 kg from LC1D4 bles connected in parallel. les connected in parallel. les connected in parallel.	JL ZL BL EL FL ML UL 5 and 690 V, see pages B8/45 to B8/48. ability of your variant in the index page B8/55. The SEA r can be used. on mounting on 35 mm ∟r rail NSYSDR or screw fixing. re for contactors with a.c. control circuit. For d.c. or low col 0 kg from LC1D09 to D38 and 0.075 kg from LC1D40A to b bles connected in parallel. les connected in parallel.	b 5 and 690 V, see pages B8/45 to B8/48. ability of your variant in the index page B8/55. The SEARCH r can be used. on mounting on 35 mm ∟r rail NSYSDR or screw fixing. re for contactors with a.c. control circuit. For d.c. or low consum 0 kg from LC1D409 to D38 and 0.075 kg from LC1D40A to D80A bles connected in parallel. les connected in parallel. les connected in parallel.

a size 4 insulated Allen key must be used (reference LADALLEN4, see page B8/42).
 (8) Coordination tables according to the number of operating cycles, see AC-1 curve, page A5/40.



LC1DT20





PB123776.eps

LC1D65008.

Contactors

(θ ≤ 60 °C)		nber oles	auxi	antaneou Iliary tacts	IS	Basic r to be c the cor	omplet	ed by a						Weigh
utilisation category	1	1	com	lacis				ntage c	oue ···					
AC-1	, d	2.		Ļ		Fixing	(~)							
		7		(
A														kg
Connection by scre	w cla	mp te	rmina	ls										
20	4	_	1	1		LC1DT	20							0.36
	2	2	1	1		LC1D0	9800							0.36
25	4	-	1	1		LC1DT	25							0.36
	2	2	1	1		LC1D1								0.36
32	4	-	1	1		LC1DT								0.42
40	2	2	1	1		LC1D1								0.42
40	4 2	2	<u>1</u> 1	1		LC1DT								0.42
Connection by Eve	-	_	-	•	otor									0.42
	4	, נווט	1	1	CLUI	JC1DT	604							1.09
80	4	_	1	1		LC1DT								1.15
Connection by scre	w cla	mp te	rmina	ls or co	nneo					-				
60	2	2	_	_		LC1D4	0008.	•						1.44
					or	LP1D4								2.2
80	2	2	_	_		LC1D6	5008.							1.45
					or	LP1D6	5008.	•						2.22
125	4	-	_	_		LC1D8	0004.							1.76
					or	LP1D8								2.68
	2	2	-	-		LC1D8								1.84
					or	LP1D8								2.91
4-pole contactor n the references sele Example: LC1DT20	cted a • becc	bove, omes l	insert _C1DT	a figure '206●● .	6 bef	gs or fore the	voltag	je code						
4-pole contacto	ors fo cted a • becc	bove, omes l	insert _C1DT	a figure '206●● .	6 bef	gs or fore the	bars voltag	je code		sult yo	ur Reç	gional	Sales	
4-pole contacto In the references sele Example: LC1DT20 Standard contro	ors fo cted a • becc	bove, omes l	insert _C1DT	a figure '206●● .	6 bef	gs or fore the	bars voltag	je code		sult yo 380	ur Reg 400	gional 415	Sales 440	
4-pole contacto In the references sele Example: LC1DT20 Standard contro a.c. supply Volts	ors fo cted a • becc ol cir	bove, omes l cuit 24	insert C1DT volta 42	a figure 206●●. ges (fo 48	6 bef or ot 110	gs or fore the her volt 115	bars voltag tages, 220	pleas	e cons 240	380	400	415		Office
4-pole contacto In the references sele Example: LC1DT20 Standard contro a.c. supply Volts LC1D09D150 and LC1	ors fo cted a • becc ol cir	bove, omes l cuit 24	insert C1DT volta 42	a figure 206●●. ges (fo 48	6 bef or ot 110	gs or fore the her volt 115	bars voltag tages, 220	pleas	e cons 240	380	400	415		Office
In the references sele Example: LC1DT20 Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115	ors fo cted a • becc ol cir	bove, omes I cuit 24 DT80 B7	insert _C1DT volta 42 A (LC1 D7	a figure 206●●. ges (fo 48 D115 and E7	6 bef or otl 110 D150 F7	gs or fore the her vol 115) coils wi FE7	bars voltag tages, 220 th built M7	je code pleas 230 -in supp P7	e cons 240 pression U7	380 device Q7	400 as stan V7	415 dard) N7	440 R7	Office 500
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz	ors fo cted a • becc ol cir	bove, omes I cuit 24 DT80 B7 B5	insert _C1DT volta 42 A (LC1 D7	a figure 206 ges (for 48 D115 and E7 E5	6 bef 110 1150 F7 F5	gs or fore the her volu 115 D coils wi FE7 FE5	bars voltag tages, 220 th built M7 M5	je code pleas 230 -in supp P7 P5	e cons 240 pression U7 U5	380 device Q7 Q5	400 as stan V7 V5	415 dard) N7 N5	440 R7 R5	Office 500 – S5
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz	ors fo cted a • becc ol cir	bove, omes I cuit 24 DT80 B7	insert _C1DT volta 42 A (LC1 D7	a figure 206●●. ges (fo 48 D115 and E7	6 bef or otl 110 D150 F7	gs or fore the her vol 115) coils wi FE7	bars voltag tages, 220 th built M7	je code pleas 230 -in supp P7	e cons 240 pression U7	380 device Q7	400 as stan V7	415 dard) N7	440 R7	Office 500 –
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply	ors fo cted a • becc ol cir	bove, omes I cuit 24 DT80 B7 B5 B6	insert _C1DT volta 42 A (LC1 D7 	a figure 206••. ges (fo 48 D115 and E7 E5 E6	6 bef 110 1150 F7 F5 F6	gs or fore the her volt 115 0 coils wi FE7 FE5 -	bars voltag tages, 220 th built M7 M5 M6	pleas pleas 230 -in supp P7 P5 -	e cons 240 ression U7 U5 U6	380 device Q7 Q5 Q6	400 as stan V7 V5 –	415 dard) N7 N5 –	440 R7 R5	Office 500 – S5
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts	ors fo cted a • becc ol cir	bove, omes I cuit 24 DT80 B7 B5 B6	insert -C1DT volta 42 A (LC1 D7 - - 24	a figure 20600. ges (for 48 D115 and E7 E5 E6 36	6 bef 110 110 1150 F7 F5 F6 48	gs or fore the her vol 115 0 coils wi FE7 FE5 - 60	bars voltag tages, 220 th built M7 M5 M6 72	pleas pleas 230 -in supp P7 P5 -	e cons 240 ression U7 U5 U6 125	380 device Q7 Q5 Q6 220	400 as stan V7 V5 – 250	415 dard) N7 N5 - 440	440 R7 R5 R6	Office 500 S5 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC11	ors fo cted a • becc ol cir	bove, omes I cuit 24 DT80 B7 B5 B6 12 DT40 (Logic College Action	a figure 206 • • . ges (for 48 D115 and E7 E5 E6 36 h integral	6 bef 110 1150 F7 F5 F6 48 supp	gs or fore the her volt 115 0 coils wi FE7 FE5 - 60 ression of	bars voltag tages, 220 th built M7 M5 M6 72 device f	pleas pleas 230 -in supp P7 P5 - 110 itted as	e cons 240 ression U7 U5 U6 125 standar	380 device Q7 Q5 Q6 220 d, by bi-	400 as stan V7 V5 – 250 directio	415 dard) N7 N5 - 440 nal pea	440 R7 R5 R6	Office 500 S5 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC11 U 0.751.25 Uc	ors fo cted a • becc ol cir IDT20.	bove, omes I cuit 24 DT80 B7 B5 B6 12 DT40 (JD	insert -C1DT volta 42 A (LC1 D7 - 24 coils wit BD	a figure 206 • • . ges (for 48 D115 and E7 E5 E6 36 h integral CD	6 bef 0r ott 110 10150 F7 F5 F6 48 supp ED	gs or fore the her vol 115 0 coils wi FE7 FE5 - 60 ression of ND	bars voltag tages, 220 th built M7 M5 M6 72 device f SD	pleas 230 -in supp P7 	e cons 240 ression U7 U5 U6 125 standar GD	380 device Q7 Q5 Q6 220 d, by bi- MD	400 as stan V7 V5 – 250 directio UD	415 dard) N7 N5 - 440 nal pea RD	440 <u>R7</u> <u>R5</u> <u>R6</u> k limitin	Office 500 85 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC11 U 0.751.25 Uc LC1DT60ADT80A (context)	ors fo cted a • becc ol cir IDT20.	bove, omes I cuit 24 DT80 B7 B5 B6 12 DT40 (JD	insert -C1DT volta 42 A (LC1 D7 - 24 coils wit BD	a figure 206 • • . ges (for 48 D115 and E7 E5 E6 36 h integral CD	6 bef 0r ott 110 10150 F7 F5 F6 48 supp ED	gs or fore the her vol 115 0 coils wi FE7 FE5 - 60 ression of ND	bars voltag tages, 220 th built M7 M5 M6 72 device f SD	pleas 230 -in supp P7 	e cons 240 ression U7 U5 U6 125 standar GD	380 device Q7 Q5 Q6 220 d, by bi- MD	400 as stan V7 V5 – 250 directio UD	415 dard) N7 N5 - 440 nal pea RD	440 <u>R7</u> <u>R5</u> <u>R6</u> k limitin	Office 500 S5 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC11 U 0.751.25 Uc LC1DT60ADT80A (cc U 0.751.25 Uc	ors fo cted a • becc ol cir IDT20.	bove, omes I cuit 24 DT80 B7 B5 B6 12 DT40 (JD integra	Insert C1DT Volta 42 A (LC1 D7 D5 - 24 coils witt BD al support	a figure 206 • • . ges (fo 48 D115 and E7 E5 E6 36 h integral CD ression do	6 bef or ot 110 1015(F7 F5 F6 48 supp ED evice	gs or fore the her volt 115 D coils wi FE7 FE5 60 ression of ND fitted as	bars voltag tages, 220 th built M7 M5 M6 72 levice f SD standa	pleas 230 -in supp P7 P5 - 110 itted as FD rd, by b	e cons 240 ression U7 U5 U6 125 standar GD i-directi	380 device Q7 Q5 Q6 220 d, by bi- MD onal per	400 as stan V7 V5 – 250 directio UD ak limiti	415 dard) N7 N5 - 440 nal pea RD ng diod	440 <u>R7</u> <u>R5</u> <u>R6</u> k limitin	Office 500 S5 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply	ors fo cted a • becc ol cir IDT20.	bove, omes I cuit 24 DT80 B7 B5 B6 12 DT40 (JD integra	Insert C1DT Volta 42 A (LC1 D7 D5 - 24 coils witt BD al support	a figure 206 • • . ges (fo 48 D115 and E7 E5 E6 36 h integral CD ression do	6 bef or ot 110 1015(F7 F5 F6 48 supp ED evice	gs or fore the her volt 115 D coils wi FE7 FE5 60 ression of ND fitted as	bars voltag tages, 220 th built M7 M5 M6 72 levice f SD standa	pleas 230 -in supp P7 P5 - 110 itted as FD rd, by b	e cons 240 ression U7 U5 U6 125 standar GD i-directi	380 device Q7 Q5 Q6 220 d, by bi- MD onal per	400 as stan V7 V5 – 250 directio UD ak limiti	415 dard) N7 N5 - 440 nal pea RD ng diod	440 <u>R7</u> <u>R5</u> <u>R6</u> k limitin	Office 500 S5 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC11 U 0.751.25 Uc LC1DT60ADT80A (cc U 0.751.25 Uc LC1DT60ADT80A (cc U 0.751.25 Uc LC1DT60ADT80A (cc U 0.751.25 Uc	ors fo cted a • becc ol cir 1DT20	bove, mes I cuit 24 B7 B5 B6 B5 B6 DT40 (JD integr JD JD JD	Losert LC1DT Volta 42 A (LC1) D7 D5 - 24 coils wit BD al suppi (4) BD BD BW	a figure 206 • • . ges (fo 48 D115 and E5 E6 56 66 16 15 15 15 15 15 15 15 15 15 15	6 bef pr otl 110 D156 F7 F5 F6 48 supp ED ED ED ED EW	gs or fore the her vol 115 D coils wi FE7 FE5 60 ression c ND fitted as (4)	bars voltaç 220 th built M7 <u>M5</u> M6 72 levice f SD standa	pleas 230 -in supp P7 P5 - 110 itted as FD rd, by b	e cons 240 vression U7 U5 U5 U6 125 standar GD i-directi	380 device Q7 Q5 Q6 220 d, by bi- MD onal pe- (4)	400 as stan V7 V5 – 250 directio UD ak limiti (4)	415 dard) N7 N5 - 440 nal pea RD ng diod RD	440 <u>R7</u> <u>R5</u> <u>R6</u> k limitin	Office 500 S5 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC11 U 0.751.25 Uc LC1DT60ADT80A (cc U 0.751.25 Uc LC1D15 (cc) With built-	ors fo cted a • becc ol cir 1DT20	bove, mes I cuit 24 B7 B5 B6 B5 B6 DT40 (JD integr JD JD JD	A (LC1) D5 - 24 coils with BD al suppi (4) BD BW n device	a figure 206 • • . ges (for 48 D115 and E5 E6 56 66 h integral CD ression du (4) CD CW e as stand	6 bef pr otl 110 D156 F7 F5 F6 48 supp ED ED EV ED EW ED EW dard)	gs or fore the her volt 115 D coils wi FE7 FE5 - 60 ression of ND fitted as (4) -	bars voltag 220 th built M7 M5 M6 72 levice f SD standa (4) SD SW	pleas pleas 230 -in supp P7 P5 - 110 itted as FD rd, by b (4) FD FW	e cons 240 pression U7 U5 U6 125 standar GD i-directi (4) GD -	380 device Q7 Q5 Q6 220 d, by bi- MD onal pe: (4)	400 as stan V7 V5 – 250 directio UD ak limiti (4)	415 dard) N7 N5 - 440 nal pea RD ng diod RD RD -	440 <u>R7</u> <u>R5</u> <u>R6</u> k limitin	Office 500 S5 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC11 U 0.751.25 Uc LC1DT60ADT80A (cc U 0.751.25 Uc LC1D15 (cc) with built- U 0.751.2 Uc	ors fo cted a • becc ol cir 1DT20	bove, mes I cuit 24 B7 B5 B6 B5 B6 DT40 (JD integr JD JD JD	Losert LC1DT Volta 42 A (LC1) D7 D5 - 24 coils wit BD al suppi (4) BD BD BW	a figure 206 • • . ges (fo 48 D115 and E5 E6 56 66 16 15 15 15 15 15 15 15 15 15 15	6 bef pr otl 110 D156 F7 F5 F6 48 supp ED ED ED ED EW	gs or fore the her vol 115 D coils wi FE7 FE5 - 60 ression of ND fitted as (4) ND	bars voltaç tages, 220 th built M7 <u>M5</u> M6 <u>72</u> levice f SD standa (4)	pleas 230 -in supp P7 P5 - 110 itted as FD rd, by b (4) FD	e cons 240 rression U7 U5 U5 U6 125 standar GD i-directi	380 device Q7 Q5 Q6 220 d, by bi- MD onal per (4) MD	400 as stan V7 V5 - 250 directio UD ak limiti (4) UD	415 dard) N7 N5 - 440 nal pea RD ng diod RD RD	440 <u>R7</u> <u>R5</u> <u>R6</u> k limitin	Office 500 S5 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC1I U 0.751.25 Uc LC1DT60ADT80A (cc U 0.751.25 Uc LP1D40D80 U 0.851.1 Uc U 0.751.2 Uc LC1D115 (coil with built- U 0.751.2 Uc	ors fo cted a • becc ol cir 1DT20	bove, mmes I cuit 24 DT80 B7 B5 B6 B5 B6 DT40 (r JD JD JD JD JD JD JD	A (LC1) D5 - 24 coils with BD al suppr (4) BD BW n device BD	a figure 206 • • . ges (fo 48 D115 and E5 E6 56 66 15 66 15 66 15 66 15 66 15 15 15 15 15 15 15 15 15 15	6 bef pr otl 110 D150 F7 F5 F6 48 supp ED ED ED EW dard) ED	gs or fore the her volt 115 D coils wi FE7 FE5 - 60 ression of ND fitted as (4) - ND - ND	bars voltaç tages, 220 th built M7 M5 M6 72 levice f SD standa (4) SD SV SD	pleas 230 -in supp P7 P5 - 110 itted as FD rd, by b (4) FD FW FD	e cons 240 pression U7 U5 U6 125 standar GD i-directi (4) GD	380 device Q7 Q5 Q6 220 d, by bi- MD onal pe: (4)	400 as stan V7 V5 – 250 directio UD ak limiti (4)	415 dard) N7 N5 - 440 nal pea RD ng diod RD RD -	440 <u>R7</u> <u>R5</u> <u>R6</u> k limitin	Office 500 S5 -
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC1I U 0.751.25 Uc LC1DT60ADT80A (cc U 0.751.25 Uc LP1D40D80 U 0.851.1 Uc U 0.751.2 Uc LC1D115 (coil with built- U 0.751.2 Uc Low consumption Volts ==	ors for cted a • becc ol cir 1DT20 DT20 bils with	bove, mes I cuit 24 DT80 B7 B5 B6 B5 B6 12 DT40 (r JD JD JD JD JD JD JD Sressio	A (LC1) D7 D5 - 24 coils with BD al suppr (4) BD BW n device BD	a figure 206 • • . ges (fo 48 D115 and E5 E6 56 66 15 66 15 66 15 66 15 66 15 66 15 15 15 15 15 15 15 15 15 15	6 bef 110 110 115(F7 F5 F6 48 supp ED evice (4) ED EW ED EW 24	gs or fore the her volt 115 D coils wi FE7 FE5 - 60 ression c ND fitted as (4) ND - ND MD - ND	bars voltaç tages, 220 th built M7 M5 M6 72 levice f SD standa (4) SD SSW SD SD	pleas 230 -in supp P7 P5 - 110 itted as FD rd, by b (4) FD FW FD FW	e cons 240 pression U7 U5 U6 125 standar GD i-directi (4) GD GD	380 device Q7 Q5 Q6 220 d, by bi- MD onal pea (4) MD MW	400 as stan V7 V5 – 250 directio UD ak limiti (4) UD – UD	415 dard) N7 N5 - 440 ng diod RD RD RD - RD	440 R7 R5 R6 k limitin e)	Office 500 g diode)
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 30 Hz d.c. supply Volts LC1D09D25 and LC11 J 0.751.25 Uc LC1DT60ADT80A (cc J 0.751.25 Uc LC1DT60ADT80A (cc J 0.751.2 Uc LC1D115 (coil with built- J 0.751.2 Uc LC1D115 (coil with built- J 0.751.2 Uc LC1D115 (coil with built- J 0.751.2 Uc LC1D15 (coil with built- J 0.751.2 Uc LC1D15 (coil with built- J 0.751.2 Uc LC1D15 (coil with built- J 0.751.2 Uc Low consumption Volts == LC1D09D25 and LC1E	ors for cted a • becc ol cir 1DT20 DT20 bils with	bove, mes I cuit 24 DT80 B7 B5 B6 B5 B6 12 DT40 (c 5 DT40 (c	A (LC1) D7 D5 - 24 coils wit BD al suppr (4) BD BW n device BD 2 2 2 2 3 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2	a figure 206 • • . ges (for 48 D115 and E5 E6 56 66 15 66 15 66 15 66 15 66 15 66 15 15 15 15 15 15 15 15 15 15	6 bef 110 110 115(F7 F5 F6 48 supp ED EV ED EW ED EV 24 supp	gs or fore the her vol 115 0 coils wi FE7 FE5 - 60 ression of MD fitted as (4) ND fitted as (4) ND fitted as (4) ND fitted as (4) ND	bars voltaç 220 th built M7 <u>M5</u> M6 72 levice f SD Standa (4) SD SSW SD SD SD SD SD	pleas pleas 230 -in supp P7 P5 - 110 itted as FD rd, by b (4) FD FW FD FD FD EV EV FD FD FD FD FD FD FD FD FD FD	e cons 240 pression U7 U5 U6 125 standar GD i-directi (4) GD - GD 250 standar	380 device Q7 Q5 Q6 220 d, by bi- MD onal pea (4) MD MW	400 as stan V7 V5 – 250 directio UD ak limiti (4) UD – UD	415 dard) N7 N5 - 440 ng diod RD RD RD - RD	440 R7 R5 R6 k limitin e)	Office 500 g diode
4-pole contacto In the references sele Example: LC1DT20• Standard contro a.c. supply Volts LC1D09D150 and LC1 50/60 Hz LC1D80D115 50 Hz 60 Hz d.c. supply Volts LC1D09D25 and LC1I U 0.751.25 Uc LC1DT60ADT80A (cc U 0.751.25 Uc LP1D40D80 U 0.851.1 Uc U 0.751.2 Uc LC1D115 (coil with built- U 0.751.2 Uc	ors for cted a • becc ol cir IDT20 DT20 DT20	bove, mes I cuit 24 DT80 B7 B5 B6 12 DT40 (JD JD JD JD JD JD JD JD JD JD JD JD JD	A (LC1 D7 D5 - 24 coils wit BD al suppi (4) BD BW n device BD BW n device BD Coils witt	a figure 206 • • . ges (for 48 D115 and E7 E5 E6 36 h integral CD CW e as stand - 20 h integral ZL	6 bef or otil 110 D150 F7 F5 F6 48 supp ED evice (4) ED EW dard) ED 24 supp BL	gs or fore the her vol 115 0 coils wi FE7 FE5 - 60 ression of fitted as (4) ND fitted as (4) ND fitted as (4) ND fitted as (4) ND fitted as (4) ND	bars voltaç tages, 220 th built M7 M5 M6 72 levice f SD standa (4) SD SSW SD SD	pleas 230 -in supp P7 P5 - 110 itted as FD rd, by b (4) FD FW FD FW	e cons 240 pression U7 U5 U6 125 standar GD i-directi (4) GD GD	380 device Q7 Q5 Q6 220 d, by bi- MD onal pea (4) MD MW	400 as stan V7 V5 – 250 directio UD ak limiti (4) UD – UD	415 dard) N7 N5 - 440 ng diod RD RD RD - RD	440 R7 R5 R6 k limitin e)	Office 500

(4) For these coil voltages, choose from Deca green contactors. Same product ref. radical, just add BBE coil voltage code for 24 V DC, BNE for 24-60 V AC/DC, EHE for 48-130 V AC/DC, KUE for 100-250 V AC/DC. Exemple: LC1DT60ABBE.

			M
Characteristics:	Dimensions:	Schemes:	Click HERE for access
pages B8/80 to B8/87	pages B8/94 to B8/97	pages B8/101 to B8/102	to online contactor selector
B8/26 Life Is On	Schneider		



LC1DT253



LC1DT80A3

Non inductive loads maximum current $(\theta \le 60 \ ^{\circ}C)$	Number of poles					to b	e con		ed by	code	(1)	Weigh (3	
utilisation category AC-1	7	7		Ļ		Fixi	ng ⁽²⁾					_	
Α													kg
Connection by	sprin	g tern	ninals	;									
20	4	_	1	1		LC1	DT20	300					0.38
	2	2	1	1		LC1	D098	3					0.38
25	4	-	1	1		LC1	DT25	i3 ••					0.38
	2	2	1	1		LC1	D128	300					0.38
32	4	-	1	1		LC1	DT32	23••					0.42
	2	2	1	1		LC1	D188	3					0.42
40	4	-	1	1			DT40						0.42
	2	2	1	1			D258						0.42
Connection by		.ink®,	BTR	screv	N COI	nnec	tors	and	cont	rol c	ircui	t by	
spring terminal	IS												4.04
<u></u>													1.09
60	4	-	1	1			DT60						-
80	4	-	1	1)A3•0					-
⁸⁰ Separate co	4 mpo		1 S	1		LC1	DT80)A3•	•		Da	140	
80	4 mpo		1 S	1	mod	LC1	DT80)A3•	•	3/36 t	o B8	/42.	1.1
80 Separate co Auxiliary contac Standard co	4 mpo ct bloc ntrol	cks ar circ	1 S Id add	1 d-on volta	ges	LC1 ules:	DT80	page	es B8		o B8	/42.	
80 Separate co Auxiliary contac	4 mpo ct bloc ntrol	cks ar circ	1 S Id add	1 d-on volta	ges	LC1 ules:	DT80	page	es B8		o B8	/42.	
80 Separate co Auxiliary contac Standard co	4 mpo ct bloc ntrol	cks ar circ	1 S Id add	1 d-on volta	ges	LC1 ules:	DT80	page	es B8		o B8	/42.	-
80 Separate co Auxiliary contac Standard co (for other volta a.c. supply Volts	4 mpo ct bloc ntrol ges, p 24	cks an I <mark>CirC</mark> Iease 4 42	1 S Id add uit v cons 48	1 d-on volta ult yo 110	ges our F 115	LC1 ules: Regio 220	DT80 see onal \$ 230	page Sales 240	es B8 s Offi 380	ice) 400	415	440	1.1
80 Separate co Auxiliary contac Standard co (for other volta a.c. supply	4 mpo ct bloc ntrol ges, p 24 LC1DT	cks an circ lease 4 42	1 S Id add Uit V cons 48 T80A (1 d-on olta ult yo 110 (coils v	ges our F 115 with in	LC1 ules: Regio 220	DT80 see onal \$ 230	page Sales 240	es B8 s Offi 380	ice) 400	415	440	1.1
80 Separate co Auxiliary contac Standard co (for other volta a.c. supply Volts LC1D09D25 and	4 mpo ct bloc ntrol ges, p 24 LC1DT	cks an lease 4 42 20D peak lin	1 S Id add Uit V cons 48 T80A (1 d-on olta ult yo 110 (coils v	ges our F 115 with in	LC1 ules: Regio 220 tegral	DT80 see onal \$ 230	page Sales 240	es B8 s Offi 380	ice) 400	415	440	1.1
80 Separate co Auxiliary contac Standard co (for other voltar a.c. supply Volts LC1D09D25 and standard, by bi-dire	4 mpo ct bloc ntrol ges, p 24 LC1D1 ctional	cks an lease 4 42 20D peak lin	1 S uit v cons 48 T80A (miting	1 d-on olta ult yo 110 (coils y diode)	ges our R 115 with in	LC1 ules: Regio 220 tegral	DT80 see onal \$ 230 supp	page Sales 240 pressi	es B8 Offi 380 on de	i ce) 400 vice fi	415 tted a	440 s	1.1
80 Separate co Auxiliary contac Standard co (for other voltas a.c. supply Volts LC1D09D25 and standard, by bi-dire 50/60 Hz	4 mpo ct bloc ntrol ges, p 24 LC1D1 ctional	cks ar l circ lease 4 42 [20D peak lin 7 D7	1 S uit v cons 48 T80A (miting	1 d-on olta ult yo 110 (coils y diode)	ges our R 115 with in	LC1 ules: Regio 220 tegral	DT80 see onal \$ 230 Isupp P7	page Sales 240 oressi	 S Offi 380 On de Q7 	i ce) 400 vice fi	415 tted a N7	440 s	1.1
80 Separate co Auxiliary contac Standard co (for other voltag a.c. supply Volts LC1D09D25 and standard, by bi-dire 50/60 Hz d.c. supply	4 mpo ct bloc ntrol ges, p 24 LC1DT ctional B 12 LC1D	cks an lease 4 42 f20D peak lin 7 D7 2 24 F20E	1 S ud add uit V cons 48 T80A (miting E7 36 DT40 (d	1 olta ult yo (coils y diode) F7 48	ges our R 115 with in FE7 60	LC1 ules: Regio 220 tegral M7 72	DT80 see 230 supp P7 110	page page Sales 240 pressi U7 125	 S Offi 380 380 on de Q7 220 	ice) 400 vice fi V7 250	415 tted a N7 440	440 s R7	1.1\ 500
80 Separate co Auxiliary contac Standard co (for other voltag a.c. supply Volts LC1D09D25 and standard, by bi-dire 50/60 Hz d.c. supply Volts LC1D09D25 and	4 mpo ct bloc ntrol ges, p 24 LC1DT ctional B 12 LC1D	cks an lease 4 42 720D peak lin 7 D7 2 24 T20E ng dioc	1 S ud add uit v cons 48 T80A (miting E7 36 T40 (de)	1 olta ult yo (coils y diode) F7 48	ges our R 115 with in FE7 60	LC1 ules: Regio 220 tegral M7 72	DT80 see 230 supp P7 110	page page Sales 240 pressi U7 125	 S Offi 380 380 on de Q7 220 	ice) 400 vice fi V7 250	415 tted a N7 440	440 s R7	1.1\ 500
80 Separate co Auxiliary contac Standard co (for other voltag a.c. supply Volts LC1D09D25 and standard, by bi-dire 50/60 Hz d.c. supply Volts LC1D09D25 and by bi-directional pea	4 mpo ct bloc ntrol ges, p 24 LC1D ctional B 12 LC1D ak limiti JI coils wit	cks ar circ lease 4 42 720D peak lin 7 D7 2 24 T20E ng dioc D BD	1 S ad add uit v cons 48 T80A (miting E7 36 DT40 (de) CD	1 d-on rolta ult yr 110 (coils v diode) F7 48 coils w ED	ges our F 115 with in FE7 60 vith int	LC1 ules: Regio 220 tegral M7 72 egral SD	DT80 see nal \$ 230 supp P7 110 supp	DA3• page Sales 240 oressi U7 125 ressic GD	 S Offi 380 380 On der Q7 220 An dev MD 	400 vice fi V7 250 rice fit	415 tted a N7 440 ted as RD	440 s R7	1.11 500
80 Separate co Auxiliary contact Standard co (for other voltage a.c. supply Volts LC1D09D25 and standard, by bi-dire 50/60 Hz d.c. supply Volts LC1D09D25 and by bi-directional pea U 0.71.25 Uc LC1DT60A80A (c)	4 mpo ct bloc ntrol ges, p 24 LC1D ctional B 12 LC1D ak limiti JI coils wit	cks an circ lease 4 42 720D peak lin 7 D7 2 24 720E ng dioc D BD th integ	1 S ad add uit v cons 48 T80A (miting E7 36 DT40 (ie) CD ral sup	1 d-on rolta ult yr 110 (coils v diode) F7 48 coils w ED	ges our F 115 with in FE7 60 vith int	LC1 ules: Regio 220 tegral M7 72 egral SD	DT80 see nal \$ 230 supp P7 110 supp	DA3• page Sales 240 oressi U7 125 ressic GD	 S Offi 380 380 On der Q7 220 An dev MD 	ice) 400 vice fi V7 250 rice fit	415 tted a N7 440 ted as RD	440 s R7	1.15 500
80 Separate co Auxiliary contac Standard co (for other voltar a.c. supply Volts LC1D09D25 and standard, by bi-dire 50/60 Hz d.c. supply Volts LC1D09D25 and by bi-directional pea U 0.71.25 Uc LC1DT60A80A (c peak limiting diode)	4 mpo ct bloc ntrol ges, p 24 LC1D ctional B LC1D ak limiti JI coils wir	cks an circ lease 4 42 720D peak lin 7 D7 2 24 720E ng dioc D BD th integ	1 S ad add uit v cons 48 T80A (miting E7 36 DT40 (ie) CD ral sup	1 d-on olta ult y f7 48 coils w ED oppress	ges our F 115 with in FE7 60 vith int ND sion de	LC1 ules: Regio 220 tegral M7 72 egral SD evice f	DT80 see nal (230 supp P7 110 FD	DA3 • 0 page Sales 240 oressi U7 125 GD as sta	 Soffi 	400 V7 250 UD I, by k	415 tted a N7 440 ted as RD i-dire	440 s R7	1.11 500
80 Separate co Auxiliary contac Standard co (for other voltar a.c. supply Volts LC1D09D25 and standard, by bi-dire 50/60 Hz d.c. supply Volts LC1D09D25 and by bi-directional pea U 0.71.25 Uc LC1DT60A80A (opeak limiting diode) U 0.751.25 Uc	4 mpo ct bloc ntrol ges, p 24 LC1D ctional B LC1D ak limiti JI coils wir	cks an circ lease 4 42 720D peak lin 7 D7 2 24 720E ng dioc D BD th integ	1 S ad add uit v cons 48 T80A (miting E7 36 DT40 (ie) CD ral sup	1 d-on olta ult y f7 48 coils w ED oppress	ges our F 115 with in FE7 60 vith int ND sion de	LC1 ules: 220 tegral M7 72 egral SD SD	DT80 see nal (230 supp P7 110 FD FD	DA3 page Sales 240 oressi U7 125 ressic GD as sta	 Soffi 	400 V7 250 UD I, by k	415 tted a N7 440 ted as RD i-dire	440 s R7	1.11 500
80 Separate co Auxiliary contac Standard co (for other voltag a.c. supply Volts LC1D09D25 and standard, by bi-dire 50/60 Hz d.c. supply Volts LC1D09D25 and by bi-directional per U 0.71.25 Uc LC1DT60A80A ((peak limiting diode) U 0.751.25 Uc Low consumpt	4 mpo ct bloc ntrol ges, p 24 LC1DT ctional B 12 LC1DT ak limiti JI coils with JI coils with JI coils with JI	Circ lease lease 4 42 720D peak lin 7 D7 2 24 720D BD th integ 0 BD 12 720D	1 S dd add uit v cons 48 T80A (miting E7 36 DT40 (c CD CD CD CD 20 T40 (c C	1 d-on olta ult y (coils v diode) F7 48 coils w ED ppress ED	ges our F 115 FE7 60 vith int ND ion de ND	LC1 ules: 220 tegral M7 72 egral SD evice f SD 110	DT80 see nal { 230 supp F7 110 FD FD FD 220	DA3 page Sales 240 oressi U7 125 ressic GD as sta GD	es B8 s Offi 380 on de Q7 220 nd dev MD mdard	400 vice fi V7 250 cice fit UD d, by b	415 tted a N7 440 ted as RD si-dire RD	440 s R7 s stan	1.11 500

function of your viewer can be used. (2) LC1D09 to D38 and LC1DT20 to DT80A: clip-on mounting on 35 mm r rail NSYSDR or

(a) Lorever fixing.
 (b) The weights indicated are for contactors with a.c. control circuit. For d.c. or low consumption control circuit, add 0.160 kg from LC1D09 to D38, 0.075 kg for LC1DT60A and DT80A.



B8/27



LC1D09



LC1D25



LC1D80A.



LC1D95

Contactors conforming to UL and CSA standards (North American market) -

	ard powe			50/60 H	z		sociated			JL Antinua				actor re	quire
Single 1Ø	e-phase	3-phas 3 Ø	e			тур	oe 75 °C-	Cu		ontinuo urrent			omple	ted by oltage	
120 V	240 V	208 V	240 V	480 V	600 V	'						Fixing	, conn	ection	2)
HP	HP	HP	HP	HP	HP				A	۱					
Conn	ection b	y screw	clamp t	ermina	ls										
/3	1	2	2	5	7.5	AV	/G 18 - 1	0	2	5		LC1D0	900		
).5	2	3	3	7.5	10	AV	/G 18 - 1	0	2	5		LC1D1	200		
	3	5	5	10	15	AV	/G 18 - 8		3	2		LC1D1	800		
	3	7.5	7.5	15	20		/G 14 - 6		4	0		LC1D2			
2	5	10	10	20	25		/G 14 - 6			0		LC1D3			
2	5	10	10	20	25		/G 14 - 6		-	0		LC1D3			
Powe	er conne	ctions b	y EverL i	ink® BT	R scre	w conne	ctors a	nd co	ntrol	by spri	i <mark>ng t</mark> e	ermin	als		
5	5	10	10	30	30	AV	/G 16 - 2		6	0		LC1D4	•●A0		
5	7.5	15	15	40	40	AV	/G 16 - 2		7	0		LC1D5	••A0		
5	10	20	20	40	50	AV	/G 16 - 2		8	0		LC1D6	5A••		
5	10	20	20	40	50	AV	/G 16 - 2	2	8	0		LC1D8	••A0		
Conn	ection b	y screw	clamp t	ermina	Is or co	onnecto	rs								
'.5	15	25	30	60	60	AV	/G 10 - 2		1	10		LC1D8	.0		
.5	15	25	30	60	60	AV	/G 10 - 2		1	10		LC1D9	500		
	-	30	40	75	100		/G 8-1/0		1	60		LC1D1			
	-	40	50	100	125	AV	/G 8-1/0		1	60		LC1D1	50		
D09-3 Appli or a elect	38), 100 I cation e 15 HP-23 a contac	kA (D40A xample 30 V moto otor type	-80, D1 ⁻ or LC1D50	15-150) A .	at 480	V and 50	X	9-80,	D115	·150) at	600	V with	n circu	it brea	kers.
D09-3 Appli for a Select nform Stan	38), 100 I cation e 15 HP-23 a contac ation: the idard c	<a (d404<br="">xample 30 V mot ctor type e contactor	-80, D1 ² or LC1D50 or rating :	I5-150) A . selected	at 480 d corres) kA (D0 "size 2"	9-80, ', the a	D115	·150) at ated ca	: 600 able i:	V with s type	n circu AWG	it brea 3 75 °(kers. C-Cu.
D09-3 Appli For a Select nform Stan a.c. s	38), 100 cation e 15 HP-23 a contac ation: the	KA (D404 xample 30 V mot ctor type contacte control	tor LC1D50 or rating s	A. selected volta	at 480 d corres I ges (f	V and 50 ponds to for other) kA (D0 "size 2" voltage	9-80, ', the a s, ple	D115 associ ase c	•150) at ated ca consult	ible is you	V with s type r Regi	AWG	it brea 3 75 °(Sales (kers. C-Cu. Office
D09-3 Appli For a Select nform Stan a.c. s Volts	38), 100 l cation e 15 HP-23 a contac ation: the idard c upply	KA (D404 xample 30 V mot ctor type contacte control 24 4:	tor LC1D50 or rating : Circuit	15-150) A. selected : volta 110	at 480 d corres iges (f 115	V and 50 ponds to for other 120 208) kA (D0 "size 2" voltage 220	9-80, ', the a es, pla 230	D115 associ ase c 240	•150) at ated ca consult	: 600 able i:	V with s type	n circu AWG	it brea 3 75 °(kers. C-Cu.
D09-3 Appli Select nform Stan a.c. s Volts	38), 100 l cation e 15 HP-2; a contac ation: the idard c upply 9D150 (KA (D404 xample 30 V motor type contacter control 24 4: (D115 and	tor LC1D50 or rating Circuit 2 48 D150 coi	A. selected volta 110 Is with b	at 480 d corres iges (f 115 uilt-in su	V and 50 ponds to for other 120 208 ppression) kA (D0 "size 2" voltage 220 device a	9-80, ', the a es, ple 230 is stand	D115 associ ase c 240 dard)	ated ca onsult 380	able is your 400	V with s type r Regi 415	AWG onal \$	it brea 3 75 °(Sales (480	kers. C-Cu. Office 500
D09-3 Appli Select nform Stan a.c. s Volts .C1D0 0/60 H	38), 100 l cation e 15 HP-2: a contac ation: the idard c upply 9D150 (KA (D404 xample 30 V mode ctor type contact control 24 2115 and B7	A-80, D11 or LC1D50 or rating = Circuit 2 48 D150 coi 7 E7	A. selecter volta 110 F7	at 480 d corres iges (f 115 uilt-in su FE7	V and 50 ponds to for other 120 208 ppression 37 ⁽⁴⁾ LE7) kA (D0 "size 2" voltage 220 device a	9-80, ', the a es, pla 230	D115 associ ase c 240	ated ca onsult 380	ible is you	V with s type r Regi	AWG	it brea 3 75 °(Sales (kers. C-Cu. Office 500
D09-3 Appli for a Select form Stan a.c. s Volts C1D0 0/60 F C1D0	38), 100 l cation e 15 HP-2; a contac ation: the idard c upply 9D150 ((A (D40/ xample 30 V moi ctor type contacte control 24 4: (D115 and B7 D ot availab	A-80, D11 Cor LC1D50 or rating : Circuit 2 48 D150 coi 7 E7 le with "ccc	A. selecter volta 110 F7	at 480 d corres iges (f 115 uilt-in su FE7	V and 50 ponds to for other 120 208 ppression 37 ⁽⁴⁾ LE7) kA (D0 "size 2" voltage 220 device a	9-80, ', the a es, ple 230 s stand P7	D115 associ ase c 240 dard)	ated ca onsult 380	able is your 400	V with s type r Regi 415	AWG onal \$	it brea 3 75 °(Sales (480	kers. C-Cu. Office 500
D09-3 Appli or a Select form Stan a.c. s Volts C1D0 0/60 H C1D0 0 Hz	88), 100 l cation e 15 HP-23 a contaci ation: the idard c upply 9D150 (12 9D65 (n	KA (D404 xample 30 V mode ctor type contact control 24 2115 and B7	A-80, D11 Cor LC1D50 or rating : Circuit 2 48 D150 coi 7 E7 le with "ccc	A. selecter volta 110 F7	at 480 d corres iges (f 115 uilt-in su FE7	V and 50 ponds to for other 120 208 ppression 37 ⁽⁴⁾ LE7) kA (D0 "size 2" voltage 220 device a	9-80, ', the a es, ple 230 is stand	D115 associ ase c 240 dard)	ated ca onsult 380	able is your 400	V with s type r Regi 415	AWG onal \$	it brea 3 75 °(Sales (480	kers. C-Cu. Office 500
D09-3 Appli or a Select nform Stan a.c. s Volts C1D0 0/60 F C1D0 0 Hz C1D8	38), 100 l cation e 15 HP-2: a contac ation: the idard c upply 9D150 ((A (D40/ xample 30 V mot tor type contact control 24 4: D115 and B7 D ot availab B5 D	A-80, D11 or LC1D50 or rating : Circuit 2 48 D150 coi 7 E7 le with "ccc 5 E5	A. selected volta 110 Is with b F7 nnectior	at 480 d corres iges (f 115 uilt-in su FE7 (n for lugs	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars")) kA (D0 "size 2" voltage 220 device a device a	99-80, ', the a es, pla 230 is stand P7 P5	D115- associ ease o 240 dard) U7	ated ca consult 380	able is your 400 V7	V with s type r Regi 415 N7	AWG onal \$ 440 R7	it brea 3 75 °(5ales (480 T7 ⁽⁴⁾	C-Cu. Office 500 S7
D09-3 Appli For a Select form Stan a.c. s Volts C1D0 0/60 H C1D0 0 Hz C1D8 0 Hz	88), 100 l cation e 15 HP-23 a contact ation: the idard c upply 9D150 (12 9D65 (n	(A (D40/4 xample 30 V moi tor type contactr control 24 4: D115 and B7 D ot availab B5 D	A-80, D17 CID50 or rating 3 CirCuit 2 48 D150 coi 7 E7 le with "cc 5 E5 5 E5	A. selected volta 110 ls with b F7 nnectior F5	at 480 d corres iges (f 115 FE7 (n for lugs	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars")) kA (D0 "size 2" voltage 220 device a device a M5	9-80, ', the a es, ple 230 s stand P7	D115- associ ease c 240 dard) U7 U5	ated ca consult 380 Q7	able is your 400	V with s type r Regi 415	AWG: onal \$ 440 R7 R5	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli For a Select nform Stan a.c. s Volts C1D0 60/60 H C1D0 60 Hz C1D8 60 Hz 60 Hz	88), 100 l cation e 15 HP-23 a contac ation: the idard c upply 9D150 (iz 9D150 (D115	(A (D40/ xample 30 V mot tor type contact control 24 4: D115 and B7 D ot availab B5 D	A-80, D11 or LC1D50 or rating : Circuit 2 48 D150 coi 7 E7 le with "ccc 5 E5	A. selected volta 110 Is with b F7 nnectior	at 480 d corres iges (f 115 FE7 (n for lugs	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars")) kA (D0 "size 2" voltage 220 device a device a	99-80, ', the a es, ple 230 s stand P7 P5 P5	D115- associ ase o 240 dard) U7	ated ca consult 380 Q7	able is your 400 V7 V5	V with s type r Regi 415 N7 N5	AWG onal \$ 440 R7	it brea 3 75 °(5ales (480 T7 ⁽⁴⁾	C-Cu. Office 500 S7
D09-3 Appli For a Select Stan a.c. s Volts C1D0 50/60 H C1D0 50 Hz C1D8 50 Hz d.c. s	88), 100 l cation e 15 HP-23 a contact ation: the idard c upply 9D150 (12 9D65 (n	(A (D40/A xample 30 V mot tor type contact control 24 4: (D115 anc B7 D ot availab B5 D B5 D B6 –	A-80, D11 or LC1D50 or rating : Circuit 2 48 D150 coi 7 E7 le with "cc 5 E5 5 E5 E6	A. selected volta ls with b F7 nnection F5 F6	at 480 d corres iges (f 115 d uilt-in su FE7 (n for lugs FE5 (– (V and 50 ponds to or other 120 208 ppression 37 ⁽⁴⁾ LE7 or bars") 35 – 36 L6) kA (D0 "size 2" voltage device a device a (4) M7 M5 M6	99-80, ', the a es, ple 230 s stand P7 P5 P5 -	D115- associ aase c 240 dard) U7 U5 U5	150) at ated ca consult 380 Q7 Q5 Q6	able is your 400 V7 V5	V with s type r Regi 415 N7 N5	AWG: onal \$ 440 R7 R5	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli For a Select nform Stan a.c. s Volts C1D0 50/60 H C1D0 50 Hz C1D8 50 Hz C1D8 50 Hz C1C18 50 Hz C10 50 Hz C10	88), 100 cation e 15 HP-23 a contac ation: the idard c upply 9D150 (iz 9D150 (iz 9D155 (n upply	(A (D40/A xample 30 V mot tor type contact control 24 4: (D115 and B7 D ot availab B5 D B5 D B6 – 12 2	A-80, D1 or LC1D50 or rating : Circuit 2 48 D150 coi 7 E7 le with "cc 5 E5 5 E5 E6 4 36	A. selected volta 110 Is with b F7 nnection F5 F6 48	at 480 d corres iges (f 115 d uilt-in su FE7 (n for lugs FE5 (– (60 d	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars") 35 – 36 L6 72 110) kA (D0 "size 2" voltage 220 device a (4) M7 M5 M6 125	99-80, , the a es, pla s stand P7 P5 P5 - 220	D115- associ ease c 240 dard) U7 U5 U5 U6 250	150) at ated ca consult 380 Q7 Q5 Q5 Q6 440	: 600 able i: your 400 V7	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli For a Select Inform Stan Stan Stan C1D0 0/60 F C1D0 0/60 F C1D0 0 0 0 0 0 0 0	88), 100 cation e 15 HP-23 a contac ation: the idard c upply 9D150 (iz 9D150 (iz 9D155 (n 0D115 upply 9D32 (c	(A (D40/A xample 30 V mot tor type contact control 24 4: (D115 and B7 D ot availab B5 D B5 D B6 – 12 2: ooils with in	A-80, D1 or LC1D50 or rating : Circuit 2 48 D150 coi 7 E7 le with "cc 5 E5 5 E5 6 6 4 36 ntegral su	A. selected volta 110 Is with b F7 nnection F5 F6 48 ppressio	at 480 d corres Iges (f 115 FE7 (n for lugs FE5 (- (60 an device	V and 50 ponds to for other 120 208 ppression 37 ⁽⁴⁾ LE7 or bars") 35 – 36 L6 72 110 fitted as s) kA (D0 "size 2" voltage 220 device a device a (4) M7 M5 M6 125 standard,	9-80, ', the a es, plo s stand P7 P5 P5 - 220 by bi-d	D115- associ aase c 240 dard) U7 U5 U5 U6 250 directio	150) at ated ca consult 380 Q7 Q5 Q5 Q6 440 nal peak	: 600 able i: your 400 V7	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli or a i Select nform Stan Stan C1D0 0/60 F C1D0 0/60 F C1D0 0/60 F C1D0 0/60 F C1D0 0/61 F C1D0 0/62 S C1D0 0/62 S C1D0 0/6 S C1D0 0/6 S C1D0 0 0 0 0 0 0 0 0 0 0 0	88), 100 cation e 15 HP-2: a contac ation: the idard c upply 9D150 (iz 9D55 (n 0D115 upply 9D32 (c 1.25 Uc	(A (D40/ xample 30 V mot tor type contact control 24 4: (D115 and B7 D ot availab B5 D B6 – 12 2: oils with in JD B	A-80, D1 or LC1D50 or rating : CirCuit 2 48 D150 coi 7 E7 le with "cc 5 E5 5 E5 6 6 4 36 ntegral su D CD	A. selected volta 110 ls with b F7 nnection F5 F6 48 ppressio ED	at 480 d corres Iges (f 115 FE7 (n for lugs FE5 (- () 60 ND \$	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars") 35 – 36 L6 72 110 fitted as s SD FD	 kA (D0 "size 2" voltage 220 device a device a (4) M7 M5 M6 125 standard, GD 	9-80, ', the a es, plo s stand P7 P5 P5 P5 P5 P5 P5 P5	D115- D115- D115- D115- D15- D15- D15- D	ated ca consult 380 Q7 Q5 Q6 440 nal peak RD	: 600 able i: you 400 V7 V5 –	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli or a i Select nform Stan a.c. s Volts C1D0 0/60 F C1D0 0/60 F C1D0 0/60 F C1D0 0/4z C1D8 0 Hz 0 Hz 0 Hz 0 Hz 0.0 Hz	88), 100 cation e 15 HP-2: a contac ation: the idard c upply 9D150 (iz 9D55 (n 0D115 upply 9D32 (c 1.25 Uc	(A (D40/A xample 30 V mot tor type contact control 24 4: (D115 and B7 D ot availab B5 D B6 – 12 2. oils with in JD B A (coils with	A-80, D1 or LC1D50 or rating : CirCuit 2 48 D150 coi 7 E7 le with "cc 5 E5 5 E5 6 6 4 36 ntegral su D CD	A. selected volta 110 ls with b F7 nnection F5 F6 48 ppressio ED	at 480 d corres Iges (f 115 FE7 (n for lugs FE5 (- () 60 ND () ssion device	V and 50 ponds to for other 120 208 ppression 37 ⁽⁴⁾ LE7 or bars") 35 – 36 L6 72 110 fitted as s	 kA (D0 "size 2" voltage 220 device a device a (4) M7 M5 M6 125 standard, GD 	9-80, ', the a es, plo s stand P7 P5 P5 P5 P5 P5 P5 P5	D115- D115- D115- D115- D15- D15- D15- D	ated ca consult 380 Q7 Q5 Q6 440 nal peak RD	: 600 able i: you 400 V7 V5 –	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli or a i Select nform Stan a.c. s Volts C1D0 0/60 F C1D0 0/60 F C1D0 0/60 F C1D0 0/4z C1D8 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz	88), 100 cation e 15 HP-2: a contac ation: the idard c upply 9D150 (iz 9D55 (n 0D115 upply 9D32 (c 1.25 Uc 0AD65/	(A (D40/ xample 30 V mot tor type contact control 24 4: (D115 and B7 D ot availab B5 D B6 – 12 2: oils with in JD B A (coils wit	A-80, D1 or LC1D50 or rating : CirCuit 2 48 D150 coi 7 E7 le with "ccc 5 E5 5 E5 6 6 4 36 ntegral su D CD th integral	A. selected volta 110 ls with b F7 nnection F5 F6 48 ppressio ED suppress	at 480 d corres Iges (f 115 FE7 (n for lugs FE5 (- () 60 ND () ssion device	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars") 35 – 36 L6 72 110 fitted as s SD FD vice fitted as) kA (D0 "size 2" voltage 220 device a device a ⁽⁴⁾ M7 M5 M6 125 standard, GD as standard	9-80, ', the a es, plo s stand P7 P5 P5 P5 P5 P5 P5 P5 P5 P5 P5 P5 P5 P5	D115- associ aase c 240 dard) U7 U5 U5 U6 250 directic UD bi-dire	ated ca consult 380 Q7 Q5 Q6 440 nal peak RD ctional p	: 600 able i: you 400 V7 V5 –	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli or a Select nform Stan a.c. s Volts C1D0 0/60 F C1D0 0 Hz C1D8 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 C1D8 0 Hz 0 C1D8 0 Hz 0 C1D8 0 Hz 0 C1D9 0 C1D8 0 C1D9 0	88), 100 l cation e 15 HP-2: a contac ation: the idard c upply 9D150 (iz 9D65 (n 0D115 9D32 (c .1.25 Uc 0AD65/ 1.25 Uc	(A (D40/ xample 30 V mot tor type contact control 24 4: (D115 and B7 D ot availab B5 D B6 – 12 2: oils with in JD B A (coils wit	A-80, D11 or LC1D50 or rating : Circuit 2 48 D150 coi 7 E7 le with "cc 5 E5 E6 5 E5 E6 4 36 ntegral su D CD th integral (6)	A. selected volta 110 ls with b F7 nnection F5 F6 48 ppressio ED suppress	at 480 d corres iges (f 115 f uilt-in su FE7 (n for lugs FE5 (- () 60 f ND s ssion dev (6) ()	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars") 35 – 36 L6 72 110 fitted as s SD FD vice fitted as) kA (D0 "size 2" voltage 220 device a device a ⁽⁴⁾ M7 M5 M6 125 standard, GD as standard	9-80, ', the a es, plo s stand P7 P5 P5 P5 P5 P5 P5 P5 P5 P5 P5 P5 P5 P5	D115- associ aase c 240 dard) U7 U5 U5 U6 250 directic UD bi-dire	ated ca consult 380 Q7 Q5 Q6 440 nal peak RD ctional p	: 600 able i: you 400 V7 V5 –	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli or a Select form Stan a.c. s Volts C1D0 0/60 F C1D0 0 Hz C1D8 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 C1D8 0 Hz 0 C1D8 0 J 0.75. C1D4 J 0.75. C1D8	88), 100 k cation e 15 HP-23 a contac ation: the idard c upply 9D150 (iz 9D55 (n 0D115 9D32 (c 1.25 Uc 0AD65/ 1.25 Uc 0 and D95	(A (D40/4) (A (D40/4) (A (D40/4) (A (Construction) (A (Constructi	A-80, D11 or LC1D50 or rating : Circuit 2 48 D150 coi 7 E7 le with "cc 5 E5 E6 5 E5 E6 4 36 ntegral su D CD th integral (6)	A. selected volta 110 ls with b F7 nnectior F5 F6 48 ppressio ED suppres (5)	at 480 d corres iges (f 115 d uilt-in su FE7 (n for lugs FE5 (- () 60 d ND s ssion dev (6) ()	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars") 35 – 36 L6 72 110 fitted as s SD FD <i>rice</i> fitted as (5) (5)	• kA (D0 "size 2" voltage 220 device a device a (4) M7 M5 M6 125 standard, GD as standar (5)	9-80, ', the a es, pla s stand P7 P5 P5 P5 - 220 by bi-d MD ard, by (5)	D115- D115- D115- D115- D15- D15- D15- D	ated ca consult 380 Q7 Q5 Q6 440 nal peak RD ctional p RD	: 600 able i: you 400 V7 V5 –	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli For a i Select Inform Stan C1D0 0/60 F C1D0 0/60 F C1D0 0 Hz C1D8 0 Hz C1D8 0 Hz 0 Hz C1D8 0 Hz 0 Hz C1D0 0 Hz C1D8 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz	88), 100 l cation e 15 HP-2: a contac ation: the idard c upply 9D150 (iz 9D65 (n 0D115 9D32 (c 1.25 Uc 0AD65/ 1.25 Uc 0 and D95 1.1 Uc 1.2 Uc	(A (D40/A xample 30 V mot tor type contact control 24 4: (D115 and B7 D ot availab B5 D B6 – 12 2: (D15 S B6 – 12 2: (D15 S B6 – (D15 S) (S) B6 – (S) (S) (S) (S) (S) (S) (S) (S) (S) (S)	A-80, D11 or LC1D50 or rating 9 CirCuit 2 48 D150 coi 7 E7 le with "ccc 5 E5 5 E5 6 6 4 36 ntegral su D CD th integral (6) D CD W CW	A. selected volta 110 ls with b F7 nnection F5 F6 48 ppressic ED suppress (6) ED	at 480 d corres iges (f 115 d uilt-in su FE7 (n for lugs FE5 (- () 60 d ssion dev (6) () () ()	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars") 35 – 36 L6 72 110 fitted as s SD FD rice fitted as (5) (5)) kA (D0 "size 2" voltage 220 device a device a (4) M7 M5 M6 125 standard, GD GD –	9-80, ', the a es, plo 230 P5 P5 P5 - 220 by bi-0 MD ard, by (6)	D115- D115- D115- D115- D15- D15- D15- D	150) at ated ca consult 380 Q7 Q5 Q6 440 nal peak RD ctional p RD	: 600 able i: you 400 V7 V5 –	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli or a Select form Stan a.c. s Volts C1D0 0/60 F C1D0 0/60 F C1D0 0/60 F C1D0 0/7 0 Hz C1D8 0 Hz 0 Hz 0 Hz 0 Hz 0. C1D0 0/7 C1D0 C C C C C C C C C C C C C C C C C	88), 100 l cation e 15 HP-2: a contac ation: the idard c upply 9D150 (iz 9D65 (n 0D115 9D32 (c 1.25 Uc 0AD65/ 1.25 Uc 0 and D95 1.1 Uc 1.2 Uc	(A (D40/A xample 30 V mot tor type contact control 24 4: (D115 and B7 D ot availab B5 D B6 – 12 2: (D15 S B6 – 12 2: (D15 S B6 – (D15 S) (S) B6 – (S) (S) (S) (S) (S) (S) (S) (S) (S) (S)	A-80, D11 C C C C C C C C	A. selected volta 110 ls with b F7 nnection F5 F6 48 ppressic ED suppress (6) ED	at 480 d corres iges (f 115 d uilt-in su FE7 (f n for lugs FE5 (f - (f) 60 d ND s ssion dev (f) (f) ND s ession dev (f) (f)	V and 50 ponds to for other 120 208 ppression 37 (4) LE7 or bars") 35 – G6 L6 72 110 fitted as s SD FD fice fitted a (9) (6) SD FD SW FW) kA (D0 "size 2" voltage 220 device a device a (4) M7 M5 M6 125 standard, GD GD –	9-80, ', the a es, plo 230 8 s stand P7 P5 P5 P5 - 220 by bi-d MD ard, by (6)	D115- D115- D115- D115- D15- D15- D15- D	150) at ated ca consult 380 Q7 Q5 Q6 440 nal peak RD ctional p RD	i 600 ible i: you 400 V7 V5 - (limiti	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli For a Select Inform Stan a.c. s Volts C1D0 0/60 F C1D0 0/60 F C1D0 0/00 F C1D0	88), 100 I cation e 15 HP-23 a contac ation: the idard c upply 9D150 (iz 9D65 (n 0D115 9D32 (c .1.25 Uc 0AD65/ 1.25 Uc 0 and D95 1.1 Uc 1.2 Uc 15 and D1	(A (D40/4 xample 30 V motor 20 V motor control 24 4: (D115 and B7 D ot availab B5 D B6 - 12 2. coils with in JD B A (coils with JD (5) JD B JU B	A-80, D11 C C C C C C C C	A. selected volta 110 ls with b F7 nnection F5 F6 48 ppressio ED suppres (5) ED EW n suppres	at 480 d corres iges (f 115 d uilt-in su FE7 (f n for lugs FE5 (f - (f) 60 d ND s ssion dev (f) (f) ND s ession dev (f) (f)	V and 50 or other 120 208 ppression 37 (4) LE7 or bars") 35 – 36 L6 72 110 fitted as s SD FD rice fitted as (5) (6) SD FD SW FW evice as st	NKA (D0 "size 2" voltage 220 device a device a (4) M7 M5 M6 125 standard, GD as standar (5) GD iandard)	9-80, ', the a es, plo 230 s stand P7 P5 P5 P5 P5 P5 P5 P5 P5 P5 MD MD MD MW	D115- D115- D115- D115- D15- D15- D15- D	ated ca consult 380 Q7 Q5 Q6 440 nal peak RD ctional p RD _	i 600 ible i: you 400 V7 V5 - (limiti	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli or a Select form Stan a.c. s Volts C1D0 0/60 F C1D0 0 Hz C1D8 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz	88), 100 cation e 15 HP-2: a contac ation: the idard c upply 9D150 (z 9D65 (n D115 D32 (c 1.25 Uc 0D195 1.25 Uc 0D195 1.2 Uc 1.2 and D ¹ 1.2 Uc consum	(A (D40/4 xample 30 V motor 20 V motor control 24 4: (D115 and B7 D ot availab B5 D B6 - 12 2. coils with in JD B A (coils with JD (5) JD B JU B	A-80, D11 or LC1D50 or rating : CirCuit 2 48 D150 coi 7 E7 le with "cc 5 E5 5 E5 6 6 4 36 itegral su D CD th integral (9) CD CD W CW with built- D -	A. selected volta 110 ls with b F7 nnection F5 F6 48 ppressio ED suppres (5) ED EW n suppres	at 480 d corres 115 115 115 115 115 115 10 115 10 115 10 115 115 10 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115115	V and 50 or other 120 208 ppression 37 (4) LE7 or bars") 35 – 36 L6 72 110 fitted as s SD FD rice fitted as (5) (6) SD FD SW FW evice as st) kA (D0 "size 2" voltage 220 device a device a (4) M7 M5 M6 125 standard, GD as standard, (6) (6) andard) GD	9-80, ', the a es, plo 230 s stand P7 P5 P5 P5 P5 P5 P5 P5 P5 P5 MD MD MD MW	D115- D115- D115- D115- D15- D15- D15- D	ated ca consult 380 Q7 Q5 Q6 440 nal peak RD ctional p RD _	i 600 ible i: you 400 V7 V5 - (limiti	V with s type r Regi 415 N7 N5 -	AWG onal \$ 440 R7 R5 R6	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5
D09-3 Appli or a Select form Stan a.c. s Volts C1D00 0.060 F H C1D00 0.060 F C1D00 0.070 0.071 0.071 0.071 0.071 0.075 C1D4 C1D4 C1D4 C1D4 C1D4 C1D4 C1D4 C1D4	88), 100 I cation e 15 HP-2; a contac ation: the idard c upply 9D150 (iz 9D65 (n 0D115 D115 D32 (c 1.25 Uc 0D65/ 1.25 Uc 0D65/ 1.25 Uc 0D15 consum 1.2 Uc consum 	(A (D40/4 xample 30 V motocontrol 30 V motocontrol 24 4: (D115 and B7 D 00t availab B5 D B6 - 12 2: xoils with ii JD B A (coils with ii) JD B JD Colored (coils) - B JO (coils) - B JD (coils)	A-80, D1 ¹ C1C1D50 or rating : CirCuit 2 48 D150 coi 7 E7 le with "ccc 5 E5 5 E5 6 E6 4 36 itegral su D CD 4 CD 4 CD 4 CD 4 CD 5 CD 6 CD 7 CU 7 E7 8 CO 8 CO	A. selected volta is with b F7 nnection F5 F6 48 ppressid ED suppres (6) ED EW n suppres (7) ED EW	at 480 d corres 115 115 115 115 115 115 115 10 115 10 115 10 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115 115115 115 115 115 115 115 115115 115 115115	V and 50 or other 120 208 ppression 37 (4) LE7 or bars") 35 – 36 L6 72 110 fitted as s 50 FD fitted fitted as 50 FD 50 FD 50 FD 50 FD 50 FD 50 FD	A (D0) *size 2" voltage 220 device a device a (4) M7 M5 M6 125 standard, GD as standar (%) GD andard) GD 220	9-80, ', the a es, pla 230 p5 - P5 - 220 by bi-(MD ard, by (6) MW MD MD 250	D115- D115- D115- D115- D115- D10- D10- D10- D10- D10- D10- D10- D10	150) at ated ca consult 380 Q7 Q5 Q6 440 nal peak RD ctional p RD - RD RD	i 600 able i: yout 400 V7 V5 - (limiti eak li	V with s type r Regi 415 N7 N5 - ng dioc miting	AWG: onal \$ 440 R7 R5 R6 diode)	it brea 3 75 °(3 ales 480 T7 ⁽⁴⁾	kers. C-Cu. Office 500 S7 S5

e availability of your variant in the inc RCH function of your viewer can be used. (1) Please check the availability of your variant in the index page 88/55. The SEARCH function of your
 (2) LC1D09 to D65A: clip-on mounting on 35 mm ⊥f rail NSYSDR or screw fixing. LC1D80 and LC1D95: clip-on mounting on 35 mm ⊥f rail NSYSDR or 75 mm ⊥f rail AM1DL or screw fixing. LC1D115 and D150: clip-on mounting on 2 x 35 mm ⊥f rails NSYSDR or screw fixing.
 (3) Versions with spring terminals LC1D323 and LC1D383 are not certified UL/CSA. page Bo/55

(4) Contactors LC1D40A, 50A, 65A, 80A: for this coil voltage use is only on 60 Hz.

(5) For these coil voltages, choose from Deca green contactors. Same product ref. radical, just add BBE coil voltage code for 24 V DC, BNE for 24-60 V AC/DC, EHE for 48-130 V AC/DC, KUE for 100-250 V AC/DC. Exemple: LC1D40ABBE.

5

Characteristics:	Dimensions:	Schemes:	← Click HERE for access
pages B8/80 to B8/87	pages B8/94 to B8/97	pages B8/101 to B8/102	to online contactor selector
B8/28 Life Is On	Schneider Electric		

TeSys Control Deca Reversing contactors Product references



LC2D12.



LC2D65A.



LC2D1156.

3-pole reversing contactors - Motors up to 75 kW / 400 V in category AC-3

						•	connectio		
	Hz in o	ower ra catego	•		iase mo	tors	Rated opera- tional current in AC-3 440 V	Instan- taneous auxiliary contacts per contactor	Contactors supplied with coil Basic reference, to be completed by adding the control voltage code ⁽¹⁾
							up to	J L	Fixing ⁽²⁾
220 V 230 V			440 V	500 \	/ 660 V 690 V	1000 V			
kW	kW	kW	kW	kW	kW	kW	А		
M/ith	maah	onioa	lintor	look	withou	t alaatr	ical intar	looking for	connection by corow clown terminal

			l inter	lock,	witho	ut ele	ctrical inte	erlockii	ng, fo	r connection by screw clamp termina	ls
or co	onnec	tors									
2.2	4	4	4	5.5	5.5	-	9	1	1	LC2D09•• ⁽⁴⁾	0.687
3	5.5	5.5	5.5	7.5	7.5	_	12	1	1	LC2D12ee (4)	0.697
4	7.5	9	9	10	10	-	18	1	1	LC2D18ee (4)	0.707
5.5	11	11	11	15	15	_	25	1	1	LC2D25ee ⁽⁴⁾	0.787
7.5	15	15	15	18.5	18.5	_	32	1	1	LC2D32ee (4)	0.797
9	18.5	18.5	18.5	18.5	18.5	-	38	1	1	LC2D38ee ⁽⁴⁾	0.807
11	18.5	22	22	22	30	-	40	1	1	LC2D40A.	1.870
15	22	25	30	30	33	_	50	1	1	LC2D50A.	1.880
18.5	30	37	37	37	37	-	65	1	1	LC2D65A.	1.890
22	37	45	45	55	45	-	80	1	1	LC2D80••	3.200
25	45	45	45	55	45	-	95	1	1	LC2D95.	3.200
10000											

Wit	h mecl	hanica	al inter	lock a	and elec	ctrica	interlocking	j, for	^r conne	ction by screw clamp ter	minals or connectors
30	55	59	59	75	80	65	115	1	1	LC2D11500	6.350
40	75	80	80	90	100	75	150	1	1	LC2D150 ••	6.400
0		and the s	I								

Connection by lugs or bars

For reversing contactors LC2D09 to LC2D38, LC2D115 and LC2D150, in the references selected above, insert a figure 6 before the voltage code. Example: LC2D09ee becomes LC2D096ee.

To build a 40 to 65 A reversing contactor, for connection by lugs, order 2 contactors LC1D••A6 and mechanical interlock LAD4CM (see page B8/43).

Component parts

Auxiliary contact blocks and add-on modules: see pages B8/36 to B8/42.

	42 with bu D7	48 ilt-in su E7	110 ppressio F7		220 e as sta	230 andard)	240	380	400	415	440	500
50/60 Hz B7 LC2D80D115 50 Hz B5					e as sta	andard)						
LC2D80D115 50 Hz B5	D7	E7	F7									
50 Hz B5				FE7	M7	P7	U7	Q7	V7	N7	R7	S7
	D5	E5	F5	FE5	M5	P5	U5	Q5	V5	N5	R5	S5
60 Hz B6	_	E6	F6	-	M6	-	U6	Q6	-	-	R6	_
d.c.supply												
Volts 12	24	36	48	60	72	110	125	220	250	440		
LC2D09D38 (coils with integral sup	oressior	n device	fitted as	s standa	ard, by b	oi-direct	ional pe	ak limit	ing dioc	le)		
U 0.71.25 Uc JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD		
LC2D40AD65A (coils with integral	suppres	sion de	vice fitte	d as sta	ndard,	by bi-di	rectiona	al peak l	imiting	diode)		
U 0.751.25 Uc JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD		
Low consumption												
Volts 5	12	20	24	48	110	220	250					
LC2D09D38 (coils with integral sup	pressior	n device	fitted a	s standa	ard, by I	bi-direct	ional pe	eak limit	ing diod	le)		
U 0.81.25 Uc AL	JL	ZL	BL	EL	FL	ML	UL					
For other voltages between 5 and 690	V. see p	ages B	8/45 to	28/18								

LC2D115 and D150: clip-on mounting on 35 mm Lr rail NSYSDR or screw fixing.

 (3) The weights indicated are for contactors with a.e. control circuit. For d.c. or low consumption control circuit, add 0.330 kg for LC2D09 to D38, 0.150 kg for LC1D40A to D65A.
 (4) For reversing contactors with electrical interlocking pre-wired at the factory, add suffix V to the references selected above. Example: LC2D09B7 becomes LC2D09B7V.

Note: when assembling a reversing contactor, it is good practice to incorporate a 50 ms time delay.

Weight

kg

Characteristics: pages B8/80 to B8/87 Dimensions: pages B8/103 and B8/104

Schemes pages B8/105 and B8/106 Click HERE for access to online contactor selector

B8/29



LC2D123.

3-pole reversing contactors - Motors up to 15 kW / 400 V in category AC-3

Mechanical interlock without electrical interlocking. Standard power ratings Rated Instan- Contactors supplied with coil Weight												
of 3-p	hase n egory /	notors		Hz		Rated opera- tional current in AC-3 440 V up to	Insta tane auxi cont per cont	ous liary	Contactors supplied with coil Basic reference, to be completed by adding the voltage code ⁽¹⁾	Weight ⁽³⁾		
	20 V 380 V 415 V 440 V 500 V 660								Fixing ⁽²⁾			
	0 V 400 V 690				660 V 690 V							
kW	kW	kW	kW	kW	kW	Α				kg		
For o	connec	ction b	oy spr	ing te	rminal	s						
2.2	4	4	4	5.5	5.5	9	1	1	LC2D093.	0.687		
3	5.5	5.5	5.5	7.5	7.5	12	1	1	LC2D123.	0.697		
4	7.5	9	9	10	10	18	1	1	LC2D183.	0.707		
5.5	11	11	11	15	15	25	1	1	LC2D253.	0.787		
7.5	15	15	15	18.5	18.5	32 (4)	1	1	LC2D323.	0.797		
Powe	er con	nectio	on by I	EverL	ink®, B	TR screw	conn	ectors	⁽⁵⁾ and control by spring terminals			
11	18.5	22	22	22	30	40	1	1	LC2D40A3.	1.870		
15	22	25	30	30	33	50	1	1	LC2D50A3.	1.880		
18.5	30	37	37	37	37	65	1	1	LC2D65A3.	1.890		
For o	conne	ction	by Fa	ston o	onnec	tors						

All power connections are to be made by the customer.

These contactors are fitted with Faston connectors: 2×6.35 mm on the power poles and 1×6.35 mm on the

coil terminals. For reversing contactors LC2D09 and LC2D12 only, in the references selected above, replace the figure **3** before the voltage code with a figure **9**.

Example: LC2D093 •• becomes LC2D099 ••.

Component parts

Pre-wired power connections.

Auxiliary contact blocks and add-on modules: see pages B8/36 to B8/42.

a.c. supply													
Volts	24	42	48	110	115	220	230	240	380	400	415	440	500
LC2D09D65A													
50/60 Hz	B7	D7	E7	F7	FE7	M7	P7	U7	Q7	V7	N7	R7	S7
d.c. supply													
Volts	12	24	36	48	60	72	110	125	220	250	440		
LC2D09D32 (coils with	integral supp	ressior	n device	fitted a	s standa	ard, by l	oi-direct	ional pe	eak limit	ting dio	de)		
U 0.71.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD		
LC2D40AD65A (coils)	with integral s	uppres	sion de	vice fitte	ed as sta	andard,	by bi-di	rectiona	al peak	limiting	diode)		
U 0.751.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD		
Low consumption													
Volts	5	12	20	24	48	110	220	250					
LC2D09D32 (coils with	integral supp	ressior	device	fitted as	standa	rd, by b	i-direct	ional pe	ak limit	ing dioc	le)		
U 0.8…1.25 Uc	AL	JL	ZL	BL	EL	FL	ML	UL					

U U.O...I.25 UC AL JL ZL BL EL FL IVIL

For other voltages between 5 and 690 V, see pages B8/45 to B8/48. (1) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.

(2) LC2D09 to D32: clip-on mounting on 35 mm ur rail NSYSDR or screw fixing.

(3) The weights indicated are for reversing contactors with a.c. control circuit. For d.c. or low consumption control circuit, add 0.330 kg for LC2D09 to D38, 0.150 kg for LC1D40A to D65A.

(4) Must be wired with 2 x 4 mm² cables in parallel on the upstream side. On the downstream side, outgoing terminal block LAD331 may be used (Quickfit technology, see page B1/18). When wired with a single cable, the product is limited to 25 A (11 kW/400 V motors).

(5) BTR screws: hexagon socket head. In accordance with local electrical wiring regulations, a size 4 insulated Allen key must be used (reference LADALLEN4, see page B8/42).

Schneider

TeSys Control Deca Changeover contactors Product references



LC2DT20



LC2D115004 ••

4-pole changeover contactor pairs - 20 to 200 A in category AC-1

Pre-assembled. Pre-wired power connections

LC2DT20 to LC2DT40: mechanical interlock without electrical interlocking. LC2D80004: order separately 2 auxiliary contact blocks LADN•1 to obtain electrical interlocking between the 2 contactors (see page B8/36). For electrical interlocking incorporated in the mechanical interlock, please consult

your Regional Sales Office. LC2D115004: mechanical interlock with integral, pre-wired electrical interlocking.

n by screw clamp terminals or co

Utilisation category AC Non-inductive loads		antaneous auxiliary tacts per contactor	Contactors supplied with coil	Weight
Maximum rated operational current $(\theta \leq 60 \ ^{\circ}C)$		Ţ	Basic reference, to be completed by adding the voltage code ^{(1) (2)}	
			Fixing ⁽³⁾	
Α				kg
20	1	1	LC2DT20	0.730
25	1	1	LC2DT25	0.730
32	1	1	LC2DT32ee	0.850
40	1	1	LC2DT40	0.850
125	-	-	LC2D80004.	3.200
200	-	-	LC2D115004.	7.400
For connection by I	ugs or b	ars		
20	1	1	LC2DT206	0.730
25	1	1	LC2DT256ee	0.730
32	1	1	LC2DT326	0.850
40	1	1	LC2DT406ee	0.850
For customer as	ssemb	ly		

omer ass	embly			
ction by scr	ew clamn terminals	or	connector	1

I OI COIMECUC	in by screw ch	amp term		
60	1	1	LC1DT60A•• (4)	-
80	1	1	LC1DT80A•• (4)	-
For connection	on by lugs or b	ars		
60	1	1		-
80	1	1	LC1DT80A6ee (4)	_

Auxiliary contact blocks and add-on modules: see pages B8/36 to B8/42.

Note: when assembling changeover contactor pairs, it is good practice to incorporate a 50 ms time delay.

(1) See note (2) on next page.

For conne

(2) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.

(3) LC2DT20 to LC2DT80: clip-on mounting on 35 mm r rail NSYSDR or screw fixing. LC2D80: clip-on mounting on 35 mm ir rail NSYSDR or 75 mm ir rail AM1DL or screw fixing.

LC2D115: clip-on mounting on 2 x 35 mm Lr rails NSYSDR or screw fixing.

(4) For these operational currents, order 2 identical contactors and a mechanical interlock LAD4CM (see page B8/43).

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TeSys Control Deca Changeover contactors Product references



Example of necessary components for customer assembly: 2 x LC1DT80A3 •• contactors + LAD4CM mechanical interlock



4-pole changeover contactor pairs for 20 to 80 A control in category AC-1

					_	_	_						
Pre-assembled	l, fo	r cu	isto	mer	ass	sem	bly						
Pre-wired power c	onne	ectio	ns, f	or co	nneo	ction	by s	sprin	g ter	mina	als.		
Utilisation category A Non-inductive loads Maximum rated operational current	AC-1				ous au er con		-	SL Ba	asic r	ed wit	h coi nce, t		
(θ ≤ 60 °C)		``)	(ac	dding	plete the c code	ontro	ol	
								Fi	xing	(2)			
Α													
20		1		1				LO	C2DT	203.	•		
Power connection by spring terminal		verL	ink®,	BTR	scre	ew co	onne	ctors	s ⁽³⁾ a	nd c	ontro	bl	
60	0	1		1				10	C1DT	60A3	(4)		
80		1		1						80A3			
Separate comp	one	ents	;										
Auxiliary contact b				d-on	mod	ules	see	page	es B8	3/19 t	o B8	/19	
Standard conti								p			0 20		
(for other voltages							onal :	Sales	s Off	ice)			
a.c. supply													
Volts	24	42	48	110	115	220	230	240	380	400	415	440	500
LC2DT20DT40, LC2	DT60	AD	T80A										
50/60 Hz	B7	D7	E7	F7	FE7	M7	P7	U7	Q7	V7	N7	R7	_
LC2D80004D115004	Ļ												
50 Hz	B5	D5	E5	F5	FE5	M5	P5	U5	Q5	V5	N5	R5	S5
60 Hz	B6	-	E6	F6	-	M6	-	U6	Q6	-	-	R6	-
d.c. supply													
Volts	12	24	36	48	60	72		125					
LC2DT20DT40, LC1 by bi-directional peak lin	DT60 niting	DT diode	80 (c ∋)	oils wi	th inte	egrals	suppr	essior	n devi	ce fitt	ed as	stand	ard,
U 0.71.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD		
Low consumption													
Volts	5	12	20	24	48	110	220	250					
LC2DT20DT40 (coils peak limiting diode)	with i	ntegra	al sup	press	ion de	evice f	fitted	as sta	ndarc	l, by b	i-dire	ctiona	1
U 0.81.25 Uc	AL	JL	ZL	BL	EL	FL	ML	UL					
For other voltages betw (1) Please check the a function of your vie (2) Clip on mounting on	vailal ewer (bility can b	of yo e use	ur var ed.	iant i	n the	index	(page	e B 8/:	55. Th	ie SE.	ARCH	1

 (2) Clip-on mounting on 35 mm i rail NSYSDR or screw fixing.
 (3) BTR screws: hexagon socket head. In accordance with local electrical wiring regulations, a size 4 insulated Allen key must be used (reference LADALLEN4, see page B8/19). (4) For these operational currents, order 2 identical contactors and a mechanical interlock LAD4CM (see page B8/19).



Schneider Gelectric

TeSys Control Deca green Reversing contactors Product references



LC2D09•••



LC2D40A

Deca green contactors have a dark grey casing and a 3-character code voltage.

	•	ower c									
	's 50-60	ver rati Hz in c				Rated opera- tional current in AC-3 440 V up to	Instan taneou auxilia contac per contac	us ary cts	Contactors supplied with coil Partial reference, to be completed by adding the control voltage code ⁽¹⁾	Weight	
	380 V 400 V	415 V	440 V	500 V	660 V 690 V			Ļ	Trang **		
kW	kW	kW	kW	kW	kW	Α				kg	
With	mecha	nical i	nterlo	ck, wit	thout e	lectrical i	nterloc	king,	for connection by screw clamp terminals		
or Ev	erlink	BTR s	crew c	onneo	ctors (3)	(4)					
or Ev 2.2	erlink 4	BTR s	crew c 4	5 .5	5.5	⁽⁴⁾	1	1	LC2D09•••	0.783	
-	-	-					1	1	LC2D09••• LC2D12•••	0.783	
2.2 3	4	4	4	5.5	5.5	9					
2.2	4 5.5	4 5.5	4 5.5	5.5 7.5	5.5 7.5	9 12	1	1	LC2D12•••	0.793	
2.2 3 4 5.5	4 5.5 7.5	4 5.5 9	4 5.5 9	5.5 7.5 10	5.5 7.5 10	9 12 18	1	1	LC2D12••• LC2D18•••	0.793	
2.2 3 4 5.5 7.5	4 5.5 7.5 11	4 5.5 9 11	4 5.5 9 11	5.5 7.5 10 15	5.5 7.5 10 15	9 12 18 25	1 1 1	1 1 1	LC2D12000 LC2D18000 LC2D25000	0.793 0.803 0.913	
2.2 3 4 5.5 7.5 9	4 5.5 7.5 11 15	4 5.5 9 11 15	4 5.5 9 11 15	5.5 7.5 10 15 18.5	5.5 7.5 10 15 18.5	9 12 18 25 32	1 1 1 1	1 1 1 1	LC2D12••• LC2D18••• LC2D25••• LC2D32•••	0.793 0.803 0.913 0.923	
2.2 3 4 5.5 7.5 9 11	4 5.5 7.5 11 15 18.5	4 5.5 9 11 15 18.5	4 5.5 9 11 15 18.5	5.5 7.5 10 15 18.5 18.5	5.5 7.5 10 15 18.5 18.5	9 12 18 25 32 38	1 1 1 1 1 1	1 1 1 1 1 1	LC2D12000 LC2D18000 LC2D25000 LC2D32000 LC2D38000	0.793 0.803 0.913 0.923 0.933	
2.2 3 4	4 5.5 7.5 11 15 18.5 18.5	4 5.5 9 11 15 18.5 22	4 5.5 9 11 15 18.5 22	5.5 7.5 10 15 18.5 18.5 22	5.5 7.5 10 15 18.5 18.5 30	9 12 18 25 32 38 40	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	LC2D12000 LC2D18000 LC2D25000 LC2D32000 LC2D38000 LC2D40A000 ⁽³⁾	0.793 0.803 0.913 0.923 0.933 2.154	

Auxiliary 00			modules		
See pages B8/36	6 to B8/42.				
Coil voltage	codes				
AC/DC 24 V DC	supply				
Volts	24 (DC only)	24-60	48-130	100-250	
LC2D09D32, LC2D40A D80A					
U 0.851.1 Uc		BNE	EHE	KUE	
LC2D09D38					
U 0.81.2 Uc	BNE				
LC2D40AD80A					
U 0.81.2 Uc	BBE				
(1) Plazza chack th	ho availability of yo	ur variant in the i	index page B8/55 The	SEADCH function of w	ur viewer can be

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Click HERE for access

B8/33

TeSys Control Deca Contactors for switching capacitors banks Product references



LC1DGK••, LC1DLK••, LC1DMK••



Contactors for switching 3-phase capacitor banks (power factor correction)

Special contactors **LC1DeK** are designed for switching 3-phase, single or multiple-step capacitor banks (up to 6 steps). Over 6 steps, it is recommanded to use chokes in order to limit the inrush current and thus improve the lifetime of the installation. The contactors are conform to standards IEC 60070 and 60831, UL and CSA.

Contactor applications

Specification

Contactors fitted with a block of early make poles and damping resistors, limiting the value of the current on closing to 60 ln max.

This current limitation increases the life of all the components of the installation, in particular that of the fuses and capacitors.

Operating conditions

Short-circuit protection must be provided by gl type fuses rated at 1.7...2 ln. It will ensure the service continuity of the whole installation in case of a capacitor contactor end of life

Maximum operational power

The power values given in the selection table below are for the following operating conditions:

	ctive pea at switcl			LC1D	K			200 In		
Maximu	um opera	ating rate	e	LC1D	K, DGK,	DLK, DMK		240 operating cycles/hour		
				LC1DF	PK, DTK,	DWK		240 operating cycles/hour		
Electric	al durab	ility at		All con	tactor rat	ings	400 V	300 000 operati	ng cycles	
nomina	ominal load						690 V	200 000 operati	ng cycles	
at 50/6 θ ≤ 60				Instantaneous Tightening auxiliary torque on contacts cable end			to be c by add	reference, ompleted ing tage code ^{(3) (4)}	Weight	
230 V	400 V 415 V	440 V	690 V		(
kVAR	kVAR	kVAR	kVAR	N/O	N/C	N.m			kg	
		12.5	21	4	2	17	LC1DE		0.420	

7	12.5	12.5	21	1	2	1.7	LC1DFK.	0.430
9.5	16.7	16.7	28.5	1	2	2.5	LC1DGK.	0.450
11	20	21	33	1	2	2.5	LC1DLK.	0.600
14	25	27	42	1	2	2.5	LC1DMKee	0.630
17	30	32	50	1	2	5	LC1DPK.	1.300
22	40	43	67	1	2	5	LC1DTK.	1.300
35	63	67	104	1	2	9	LC1DWK12ee	1.650

Switching of multiple-step capacitor banks (with equal or different power ratings)

The correct contactor for each step is selected from the above table, according to the power rating of the step to be switched.

Example: 50 kVAR 3-step capacitor bank. Temperature: 50 °C and U = 400 V or 440 V. One 25 kVAR step: contactor LC1DMK, one 15 kVAR step: contactor LC1DGK, and one 10 kVAR step: contactor LC1DFK.

(1) Operational power of the contactor according to the scheme on the page opposite.

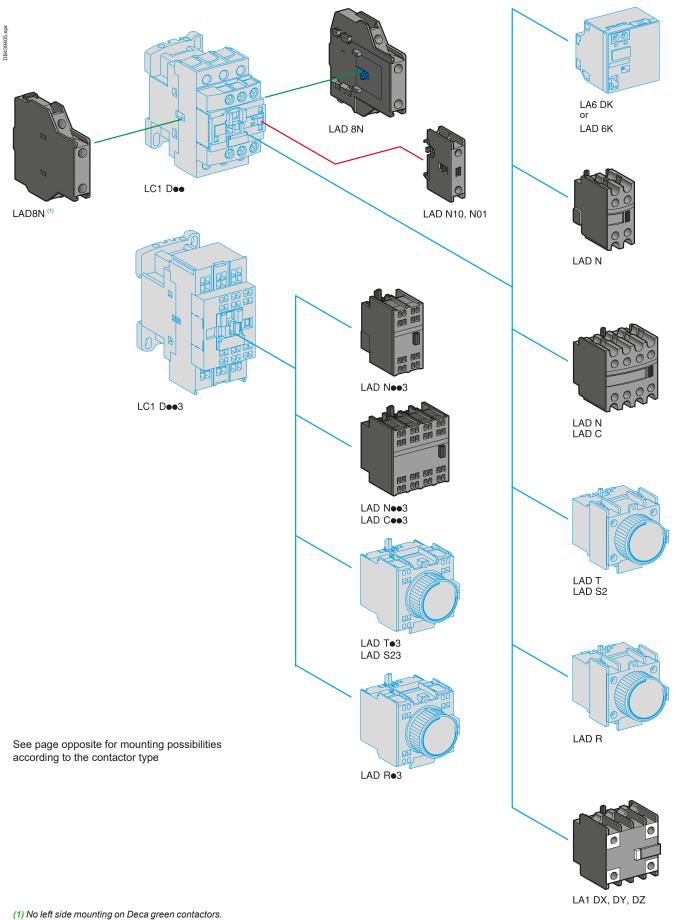
(2) The average temperature over a 24-hour period, in accordance with standards IEC 60070 and 60831 is 45 °C.

(3) Standard control circuit voltages (the delivery time is variable, please consult your Regional Sales Office):

Volts	24	48	110	120	220	230	240	380	400	415	440	
50/60 Hz	B7	E7	F7	G7	M7	P7	U7	Q7	V7	N7	R7	

(4) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.





Contactors

TeSys Control Deca Contactors - Auxilliary contact blocks Product references



LADN22



LAD8N11



LA1DX••, LA1DZ••

Contactors

Instantaneous auxiliar	y contact blocks for connection I	ov screw clamp terminals

Clip-on mounting	Number of		Composition				Reference	
	contacts per block	þ	¢	∀	$\left \right $	7		
Front	1	-	-	-	1	-	LADN10	
		_	-	-	-	1	LADN01	
	2	-	-	-	1	1	LADN11	
		_	-	_	2	-	LADN20	
		-	-	-	-	2	LADN02	
	4	_	-	-	2	2	LADN22	LADN22S (1
			-	-	1	3	LADN13	
			_	-	4	-	LADN40	
			-	-	-	4	LADN04	
		-	-	-	3	1	LADN31	
	4 incl. 1 N/O & 1 N/C make before break	-	-	-	2	2	LADC22	
Side	2		-	-	1	1	LAD8N11	
(contact blocks compatible with			-	-	2	-	LAD8N20	
AC coil contactors only)		-	-	-	-	2	LAD8N02	
For terminal referencing	conforming to EN 50012							
Front on 3P contactors and	2	_	_	-	1	1	LADN11G	
4P contactors 20 to 80 A	4	-	-	-	2	2	LADN22G	
Front on 4P contactors	2	-	-	-	1	1	LADN11P	
125 to 200 A	4	-	-	-	2	2	LADN22P	
With dust and damp prot	ected contacts, for use in particu	larly	y ha	rsh	ind	ustrial	environmen	ts
Front	2		2	-	-	-	LA1DX20	
		1	1	-	-	-	LA1DX11	
		2	-	-	-	-	LA1DX02	
		-	2	2	-	-	LA1DY20 (2)	
	4	-	2	-	2	-	LA1DZ40	
		_	2	_	1	1	LA1DZ31	

Instantaneous auxiliary contact blocks for connection by lugs

This type of connection is not possible for blocks with 1 contact or blocks with dust and damp protected contacts. For all other instantaneous auxiliary contact blocks, add the figure **6** to the end of the references selected above. Example: **LADN11** becomes **LADN116**.

Instantaneous auxiliary contact blocks for connection by spring terminals

This type of connection is not possible for LAD8, LADN with 1 contact or blocks with dust and damp protected contacts. For all other contact blocks, add the figure **3** to the end of the references selected above. Example: LADN11 becomes LADN13.

Maximum number of auxiliary contacts that can be fitted:

Contactors			Instantaneous auxiliary	Instantaneous auxiliary contacts				
Type Number of poles and size		nber of poles and size	Side mounted	Side mounted		Front mounted		
					1 contact	2 contacts	4 contacts	mounted
AC	3P	LC1D09D38	1 on LH or 1 on RH side ⁽³	and	-	1	or 1	or 1
AC/DC		LC1D40AD80A	1 on LH or 1 on RH side	and	-	1	or 1	or 1
		LC1D80 and D95 (50/60 Hz)	1 on each side	or	2	and 1	or 1	or 1
		LC1D80 and D95 (50 or 60 Hz)	1 on each side	and	2	and 1	or 1	or 1
		LC1D115 and D150	1 on LH side	and	-	1	or 1	or 1
	4P	LC1DT20DT40	1 on LH side	and	-	1	or 1	or 1
		LC1DT60A and DT80A	1 on LH or 1 on RH side	and	-	1	or 1	or 1
		LC1D40008, D65008 and D80	1 on each side	or	1	or 1	or 1	or 1
		LC1D115	1 on each side	and	1	or 1	or 1	or 1
DC	3P	LC1D09D38	-		_	1	or 1	or 1
		LC1D40AD80A	-		-	1	or 1	or 1
		LC1D80 and D95	_		1	or 1	or 1	or 1
		LC1D115 and D150	1 on LH side	and	-	1	or 1	or 1
	4P	LC1DT20DT40	-		-	1	or 1	or 1
		LC1DT60A and DT80A	-		_	1	or 1	or 1
		LC1D40008, D65008 and D80	-		2	and 1	or 1	or 1
		LC1D115	1 on each side		-	and 1	or 1	or 1
LC ^{(4) (5)}	3P	LC1D09D38	-		-	1	_	-
	4P	LC1DT20DT40	_		_	1	_	_

(1) With red front face - for safety chain indication.

(2) Device fitted with 4 earth screen continuity terminals.

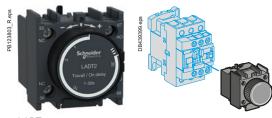
(3) 1 on LH side for AC coils - 1 on RH side for AC/DC coils.

(4) LC: low consumption.

(5) LA1D ••• dust & damp proof auxiliary contact blocks not allowed.

Curves: page B8/90

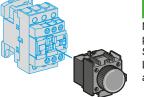
TeSys Control Deca Contactors - Time delay auxilliary contact blocks Product references



LADT

PB123803_R.eps

LADT•3



Time delay auxiliary contact blocks for connection by screw clamp terminals

Maximum number of auxiliary contact blocks that can be fitted per contactor, see page B8/36.

Sealing cover to be ordered separately, see page B8/42.

LADS2: with switching time of 40 ms ± 15 ms between opening of the N/C contact and closing of the N/O contact.

Clip-on mounting	Number	Time dela	у	Reference
	of contacts	Туре	Setting range	
Front	1 N/O + 1 N/C	On-delay	0.33 s	LADT0
			130 s	LADT2
			10180 s	LADT4
			130 s	LADS2
		Off-delay	0.33 s	LADR0
			130 s	LADR2
			10180 s	LADR4

Time delay auxiliary contact blocks for connection by lugs

Add the figure **6** to the end of the references selected above. Example: **LADT0** becomes LADT06.

Time delay auxiliary contact blocks for connection by spring terminals

Add the figure 3 to the end of the references selected above. Example: LADTO becomes LADT03.

Time delay auxiliary contact blocks for connection by Faston connectors

Add the figure 9 to the end of the references selected above. Example: LADTO becomes LADT09.

Mechanic	al latch bl		
Clip-on mounting	Unlatching control	For use on contactor	Basic reference, to be completed by adding the control voltage code ^{(2) (3)}
Front	Manual or electric	LC1D09D38 (\sim or $$) ⁽⁴⁾ LC1DT20DT40 (\sim or $$)	LAD6K10●
		LC1D40AD80A (3 P \sim or $=$) LC1DT60A and DT80A (4 P \sim or $=$)	LAD6K10●
		LC1D80D150 (3 P ∼) LC1D80 and D150 (3 P) LC1D80 (4 P ∼) LC1D80 and D115 (4 P ~-) LP1D80 and LC1D115 (4 P)	LA6DK20●
		LC1D40 and D65 (4 P \sim) LP1D40 and D65 (4 P $$)	LA6DK10●

- (1) The mechanical latch block must not be powered up at the same time as the contactor. The duration of the control signal for the mechanical latch block and the contactor should be:
 - ≥ 100 ms for a contactor operating on an a.c. supply,
- > 250 ms for a contactor operating on a d.c. supply. Maximum impulse duration for the LAD6K10• mechanical latch block: 10 seconds.

(2) Standard control circuit voltages (for other voltages, please consult your Regional Sales Office):

Volts 50/60 Hz,	24	32/36	42/48	60/72	100	110/127	220/240	256/277	380/415
Code	В	С	Е	EN	К	F	М	U	Q

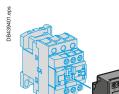
(3) Please check the availability of your variant in the index page B8/55. The SEARCH function of your viewer can be used.

(4) The DC, low consumption contactors (coil code •L) are not compatible with the mechanical latch blocks LAD6K10.

Contactors



LAD6K10.



TeSys Control Deca Contactors - Suppressor modules Product references



LAD4RCU LAD4.



LAD4RC3•, LAD4V3•, LAD4D3U, LAD4T3.



LA4DC3U





LAD4DDL or LAD4T•DL



-	<u> </u>			_		-	
R	Ссі	rcui	ts (Resi	istor-	Capad	citor)

Effective protection for circuits highly sensitive to "high frequency" interference. For use only in cases where the voltage is virtually sinusoidal. i.e. less than 5 % total harmonic distortion. Voltage limited to 3 Uc max. and oscillating frequency limited to 400 Hz max. Slight increase in drop-out time (1.2 to 2 times the normal time).

Mounting	For use with contactor (1)	Reference	
	Rating	Туре	
		V∼ V	
Clip-on side mounting (2) (3)	D09D38 (3P)	2448 –	LAD4RCE
	DT20DT40	50127 –	LAD4RCG
		110250 –	LAD4RCU
Clip-on front mounting (2) (3)	D40AD65A (3P) DT60ADT80A (4P)	2448 –	LAD4RC3E
		50127 –	LAD4RC3G
		110240 –	LAD4RC3U
		380415 -	LAD4RC3N
Screw fixing (4)	D80D150 (3P)	2448 –	LA4DA2E
	D40D115 (4P)	50127 –	LA4DA2G
		110240 –	LA4DA2U
		380415 -	LA4DA2N

Varistors (peak limiting)

Protection provided by limiting the transient voltage to 2 Uc max. Maximum reduction of transient voltage peaks. Slight increase in drop-out time (1.1 to 1.5 times the normal time).

Clip-on side mounting (2) (3)	D09D38 (3P)	2448	-	LAD4VE
	DT20DT40	50127	_	LAD4VG
		110250	_	LAD4VU
Clip-on front mounting (2) (3)	D40AD65A (3P)	2448	2448	LAD4V3E
	DT60ADT80A (4P)	50127	50127	LAD4V3G
		110250	110250	LAD4V3U
Screw fixing ⁽⁴⁾	D80D115 (3P) D80D115 (4P)	2448	-	LA4DE2E
		50127	_	LA4DE2G
		110250	_	LA4DE2U
	D80D95 (3P)	_	2448	LA4DE3E
	D80 (4P)	_	110250	LA4DE3U

Flywheel diodes

No overvoltage or oscillating frequency. Increase in drop-out time (6 to 10 times the normal time). Polarised component.

Clip-on side mounting (3) (5)	D09D38 (3P), DT20DT40	-	5600	LAD4DDL
Clip-on front mounting (3)	D40AD65A (3P), DT60ADT80A (4P)	-	24250	LAD4D3U
Screw fixing (4)	D80 and D95 (3P), D40…D80 (4P)	-	24250	LA4DC3U

Bidirectional peak limiting diodes

Protection provided by limiting the transient voltage to 2 Uc max. Maximum reduction of transient voltage peaks.

Clip-on side mounting (2)	D09D38 (3P)	24	-	LAD4TB
	DT20DT40 (4P) (6)	_	24	LAD4TBDL
		72	_	LAD4TS
		_	72	LAD4TSDL
		-	125	LAD4TGDL
		_	250	LAD4TUDL
Clip-on front mounting (2)	D40AD65A (3P)	1224	1224	LAD4T3B
	DT60ADT80A (4P) ⁽⁶⁾	2572	2572	LAD4T3S
		73125	73125	LAD4T3G
		126250	126250	LAD4T3U
		251440	251440	LAD4T3R
Screw fixing (4)		-	24	LA4DB3B
		_	72	LA4DB3S

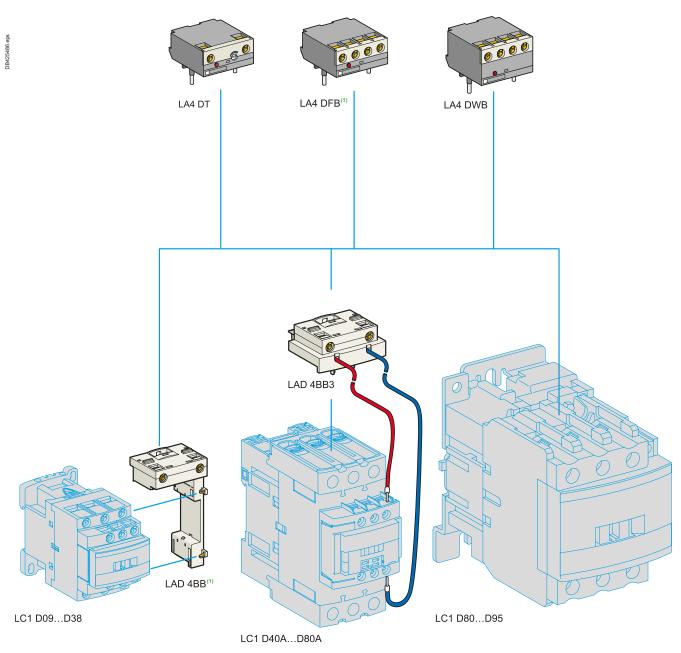
(1) For satisfactory protection, a suppressor module must be fitted across the coil of each contactor except for Deca green (•• E coil), as surge protection is already embedded.

(2) Clipping-on makes the electrical connection. The overall size of the contactor remains unchanged.
 (3) In order to install these accessories, the existing suppression device must first be removed.
 (4) Mounting at the top of the contactor on coil terminals A1 and A2.

(5) Not compatible with low consumption contactors.

(6) From D09 to D65A and from LC1DT20 to DT80A, d.c, low consumption are fitted with a built-in bidirectional peak limiting diode suppressor as standard. This bidirectional peak limiting diode is removable and can therefore be replaced by the user. (See reference above).

Schneider



See page opposite for mounting possibilities according to the contactor type.



LA4DT...



LA4DFB



LA4DBL



LAD4BBVU

Electronic serial timer modules ⁽¹⁾

■ 3-pole contactors LC1D09 to D38: mounted using adapter LAD4BB,

- to be ordered separately, see below.
- 3-pole contactors LC1D40A to D65A: mounted using adapter LAD4BB3,
- to be ordered separately, see below.

■ 3-pole contactors LC1D80 to D150 and 4-pole contactors LC1D40 to D115: mounted directly across terminals A1 and A2 of the contactor.

On-delay type

Operational voltage	\sim	Time delay	Reference	
24250 V	100250 V	-		
LC1D09D80A (3P)	LC1D80D150 (3P)	0.12 s	LA4DT0U	
		1.530 s	LA4DT2U	
		25500 s	LA4DT4U	

Interface modules

■ 3-pole contactors LC1D09 to D38: mounted using adapter LAD4BB,

to be ordered separately, see below.

■ 3-pole contactors LC1D40A to D80A: mounted using adapter LAD4BB3,

to be ordered separately, see below.

Relay interface			
Operational voltage \sim		Supply	Reference
24250 V		voltage E1-E2 (==-)	
LC1D09D150 (3P)		24 V	LA4DFB
Static relay interfa	ace		
Operational voltage	\sim	Supply	Reference
24250 V	100250 V	voltage E1-E2 ()	
LC1D09D80A (3P)	LC1D80D115 (3P)	24 V	LA4DWB
Adapter kit for	r low control sigr	nal	
For use on contactors	Composition		Reference
LC1D40AD80A (3P) ⁽²⁾	 1 LAD4BB3 coil wiring adapter 1 LA4DFB relay interface module 		LA4DBL
Wiring adapte	rs for coil retrofit	t of 3 pole con	tactors
For adapting exis	ting wiring to a new j	oroduct	
For use on contactors			Reference
LC1D09D38	Without coil suppression	ı	LAD4BB (3)

contactors				
LC1D09D38	Without coil suppression	Without coil suppression		
	With coil suppression	\sim 2448 V	LAD4BBVE	
		\sim 50127 V	LAD4BBVG	
		\sim 110250 V	LAD4BBVU	
LC1D40A80A	Without coil suppressior	ו	LAD4BB3	

(1) For 24 V operation, the contactor must be fitted with a 21 V coil (code Z).

See pages B8/45 to B8/48.

(2) The kit is compatible with a coil voltage of ~ 24 V to ~ 250 V (B7 to U7) and ... 24 V to ... 250 V (BD to UD).
(3) LAD4BB can not be used with 4 poles contactors.

Characteristics:	Dimensions:	Schemes:	
page B8/92	page B8/94	page B8/102	
B8/40	Life Is On Schneider		

Description



LA9D3260



LA9D11560•



LA9D115503



LAD96570





LA9D80962



lots of reference ~ Connectors for cable, size 4-pole 10 mm² DT20, DT25 DT20, DT25 1 LAD92560 (1 connector) 3-pole 25 mm² D09...D38 D09...D38 LA9D3260 1 EverLink[®] 3-pole D40A...D80A D40A...D80A 1 LAD96560 terminal block Connectors for cables 3-pole 120 mm² D115, D150 D115. D150 1 LA9D115603 (2 connectors) 4-pole 120 mm² D115 D115 1 LA9D115604 Connectors for 3-pole D1156, D1506 D1156, D1506 1 LA9D115503 lug type terminals (2 connectors) Protective covers D40A6...D80A6 D40A6...D80A6 1 LAD96570 3-pole for connectors for lug type terminals D1156, D1506 D1156, D1506 LA9D115703 (1) 1 LAD96580 D60A6...D80A6 D60A6...D80A6 4-pole 1 D1156, D1506 D1156, D1506 LA9D115704 1 D40A6...D80A6 D40A6...D80A6 LAD96575 IP 20 covers for lug type 1 3 poles terminals (for mounting with circuit breakers GV3 Pee6 and GV3 Lee6) Links for D09...D38 D09...D38 LA9D2561 10 2 poles parallel connection of DT32, DT40 (4P) DT32, DT40 (4P) 10 LAD96061 D40A...D80A D40A...D80A LAD9P32 D80, D95 D80, D95 2 LA9D80961 3 poles D09...D38 D09...D38 10 LAD9P3 (2) D40A...D80A D40A...D80A 1 LAD9P33 D80, D95 D80, D95 LA9D80962 1 4 poles DT20, DT25 DT20, DT25 2 LA9D1263 D80 D80 2 LA9D80963 Staggered coil connection D80 10 LA9D09966 Control circuit take-off D80, D95 D80, D95 10 LA9D8067 from main pole D115, D150 D115. D150 LA9D11567 10 D115, D150 D115, D150 3 GV7AC03 Spreaders for increasing the pole pitch to 45 mm

For use with contactors LC1

(1) For 3-pole contactors: 1 set of 6 covers, for 4-pole contactors: 1 set of 8 covers.
 (2) Separate connecting bar for connecting 2 poles in parallel.

Accessories for main pole and control connections



Control Panel Technical Guide:

Mounting and wiring accessories for TeSys K, Deca, F contactors. Star-delta, reverser, low-high speed control motor starters and changeover applications - Product references and details on all kits and wiring accessories.

> Ref. Document: CPTG011_EN



Sold in Unit

Contactors

> Click on QR cod to download

PB121367.eps **nnn** GV2G245 GV3S GV1G09











LAD21...22

LAD90

PB123825.eps



Sets of contacts and arc chambers

Description	For contactor		Reference
Sets of contacts	3-pole	LC1D115	LA5D1158031
		LC1D150	LA5D150803
	4-pole	LC1D115004	LA5D115804
Arc chambers	3-pole	LC1D115	LA5D11550
Power connection	accessories		
Terminal block	For supply to one or more GV2G busbar sets		GV1G09
Set of 63 A busbars	2 contactors LC1D09D18 or D25D38		GV2G245
for parallelling of contactors	4 contactors LC1D09D18 or D25D38		GV2G445
Set of 115 A busbars	2 contactors LC1D40AD80A	2 contactors LC1D40AD80A	
for parallelling of contactors	3 contactors LC1D40A…D80A		GV3G364 ⁽¹⁾
Set of S-shape busbars	For circuit breakers GV3Pee and 0 and contactors LC1D40AD73A	GV3L●● ⁽³⁾	GV3S

Protection accessories					
Description	Use	Sold in lots of	Reference		
Sealing cover	For LADT, LADR	1	LA9D901		
Safety cover preventing access to the moving contact carrier	LC1D09D80A and DT20DT80A	1	LAD9ET1		
	Red cover (for safety chain indication)	1	LAD9ET1S		
	Red cover (for safety chain indication)	1	LAD9ET3S		
	LC1D115 and D150	1	LAD9ET4		
	Red cover (for safety chain indication)	1	LAD9ET4S		

Marking accessories					
Description	Use	Sold in lots of	Unit reference		
Sheet of 64 blank legends, self-adhesive, 8 x 33 mm ⁽²⁾	Contactors (except 4P) LC1D80D115, LADN (4 contacts), LA6DK	10	LAD21		
Sheet of 112 blank legends, self-adhesive, 8 x 12 mm ⁽²⁾	LADN (2 contacts), LADT, LADR, LRD	10	LAD22		
Marker holder snap-in, 8 x 22 mm	4-pole contactors, LC1D80D115, LA6DK	100	LA9D92		
Marker holder snap-in, 8 x 18 mm	LC1D09D65A, LC1DT20DT80A, LADN (4 contacts), LADT, LADR	100	LAD90		
Bag of 300 blank legends self-adhesive, 7 x 21 mm	On holder LA9D92	1	LA9D93		

Mounting accesso	ries		
Retrofit plate for screw fixing	For replacement of LC1D40 to D80 with LC1D40A to D80	1	LAD7X3
Mounting plate	For replacement of LC1F115 or F150 with LC1D115 or D150	1	LA9D730
Size 4 Allen key, insulated, 1000 V	For use on contactors LC1D40A to LC1D150	5	LADALLEN4

(1) With this set of busbars, any one contactor can be supplied directly by its $EverLink^{\otimes}$ double cage power terminal block. The other two contactors are supplied by the busbar set. The 115 A limitation is therefore applied to these two contactors. Example: 1 LC1D65A supplied directly + 1 contactor LC1D65A and 1 contactor LC1D50A supplied via the busbar set = 115 A. This combination is compatible with busbar set GV3G364.

These legends are for sticking onto the safety cover of the contactors or add-on block, if fitted.
 With 73 A current limit for GV3L73, GV3P73.

TeSys Control Deca Contactors - Assembly kits Product references

	Description	For contactors (1)	Reference	
		(2 identical contactors)		
	Kits for assembly of reversing contactors			
Contract of the second	Kit comprising: ■ a mechanical interlock LAD9V2	LC1D09 to D38	LAD9R1V	
	with electrical interlocking LAD9V1			
	■ a set of power connections LAD9V5 (parallel)			
- CERCE	and LAD9V6 (reversing). Kit comprising:	LC1D09 to D38	LAD9R1	
	 a mechanical interlock LAD9V2 		LADVIN	
	without electrical interlocking			
Barris	a set of power connections LAD9V5 (parallel) and LAD9V6 (reversing).			
	Kit comprising:	LC1D40A to D80A	LAD9R3	
	a mechanical interlock LAD4CM			
	a set of power connections LA9D65A69.			
	Mechanical interlocks	LC1D90 and $D05$ (a.)	LA9D4002	
	integral electrical interlocking	LC1D80 and D95 (~) LC1D80 and D95 ()	LA9D4002	
	5 5	LC1D115 and D150	LA9D3002	
	Mechanical interlock without	LC1D09 to D38	LAD9V2	
Martin	integral electrical interlocking	LC1D40A to D80A	LAD4CM	
163		LC1D80 and D95 (\sim)	LA9D50978	
		LC1D80 and D95 ()	LA9D80978	
	Sets of power connections			
60	Comprising:	LC1D09 to D38 with screw	LAD9V5 + L	AD9V6
(an)	 a set of parallel bars a set of reverser bars. 	clamp terminals or connectors LC1D09D32 with	LAD9V12 +	
		spring terminal connections	LADSVIZ +	LADSVIS
		LC1D40A to D80A	LA9D65A69	
		LC1D80 and D95 (\sim)	LA9D8069	
		LC1D80 and D95 ()	LA9D8069	
		LC1D115 and D150	LA9D11569	
r	For star-delta starter			
	Description	For contactors	Reference	Without timer LAD
- Contraction	Mounting kit comprising: ■ 1 time delay contact block LADS2 (LC1D09D80),	LC1D09 to D38 ⁽³⁾ LC1D25 to D38 ⁽⁴⁾	LAD91217 LAD93217	LAD91218 LAD93218
	■ power circuit connections (LC1D09D80),	LC1D25 to D38 (%)	LAD95217	
	■ hardware required for fixing the contactors onto the mounting plate (LC1D80).	LC1D80	LA9D8017	-
ideo D	Equipment mounting plates	LC1D09 to D38	LA9D12974	
1		LC1D40A to D80A	-	
		LC1D80	LA9D80973	
	 To order the 2 contactors: see pages B8/23 and B8/29 To assemble a reversing contactor with spring termina - 1 mechanical interlock LAD9V2, - 1 upstream power connection kit and 1 downstream Upstream power connection kit LAD9V10: installed ir (If module LAD341 is not used, replace LAD9V11 with Downstream power connection kit LAD9V11: installed (If LAD331 is not used, replace LAD9V11 with LAD9(3) For assembly of 3 contactors of the same physical siz (4) For assembly of Main + Delta contactors LC1D25 to L 	al connections, the following comp power connection kit. the Quickfit system with power c h LAD9V12). d in the Quickfit system with outgo V13). re (depth).	onnection moc bing terminal bi	dule LAD341 . lock LAD331 .
	Control Panel Technical Guide: Mounting and wiring accessories for TeSys K, Dereverser, low-high speed control motor starters a Product references and details on all kits and wir	nd changeover applications -		

Ø.

Contactors

TeSys Control Deca Contactors - Assembly kits Product references

Description



LADT9R1V

(2 identical contactors) Kits for assembly of changeover contactor pairs Kit comprising: LC1DT20 to DT40 with LADT9R1V ■ a mechanical interlock LAD9V2 screw clamps or connectors with electrical interlocking LAD9V1, a set of power connections (changeover) LAD9V7. Kit comprising: LC1DT20 to DT40 with LADT9R1 a mechanical interlock LAD9V2 screw clamps or connectors without electrical interlocking, a set of power connections (changeover) LAD9V7. **Mechanical interlocks** With integral LC1D80004 LA9D4002 electrical interlocking LP1D80004 LA9D8002 LC1D115004 LA9D11502 Without integral LC1DT20 to DT40 with LAD9V2 (2) electrical interlocking screw clamps or connectors LC1DT203 to DT403 LAD9V2 (2) with spring terminals LC1DT60A and DT80A LAD4CM

For 4-pole changeover contactor pairs (3-phase distribution + neutral)

Contactors with screw clamp terminals or connectors. Horizontally mounted, assembled by customer.

For contactors (1)

LC1D80004

LP1D80004

LC1D80004

LP1D80004

LC1D115004

LC1D80004

LP1D80004

Reference

LA9D50978

LA9D80978

LA9D8070

LA9D8070

LA9D11570

LA9D8070 (2)

LA9D8070 (2)



LA9D50978



LA9D8070

Be latitude of the contactors

LAD9R3S

i of 5-pole changeover contactor pairs		
Contactors with screw clamp terminals or connectors. He	orizontally mounted, assembl	ed by customer.
Description	For contactors ⁽¹⁾ (2 identical contactors)	Reference
Kits for assembly of changeover contactor pairs		
Kit comprising: ■ a mechanical interlock LAD4CM ■ a set of parallel bars LA9D65A6	LC1D40AD80A	LAD9R3S
Mechanical interlocks		
Without integral electrical interlocking	LC1D40AD80A	LAD4CM
With integral electrical interlocking	LC1D115 and D150	LA9D11502
Sets of power connections		
Comprising a set of parallel bars	LC1D40AD80A	LA9D65A6
	and D150	LA9D11571

(1) To order the 2 contactors: see pages B8/23 and B8/29.

For 3-pole changeover contactor pairs

(2) Order 2 contact blocks LADN•1 to build the electrical interlock, see page B8/36.



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Sets of power connections Comprising a set of parallel bars

Mounting and wiring accessories for TeSys K, Deca, F contactors. Star-delta, reverser, low-high speed control motor starters and changeover applications - Product references and details on all kits and wiring accessories.



Dimensions: pages B8/103 and B8/104 B8/44

Life Is 🛈 n

Schemes: pages B8/105 and B8/106

Schneider



a.c coils for \sim contactors LC1D09...D38 and LC1DT20...DT40

Specifications

Average consumption at 20 °C:

■ inrush (cos ϕ = ■ sealed (cos ϕ = Operating range (0.75) 70 VA, 0.3) 50 Hz: 7 VA, 6 θ ≤ 60 °C): 50 Hz: 0	0 Hz: 7.5 VA.	0.85 1.1 Uc
Control circuit voltage Uc	Average resistance at 20 °C ±10 %		Reference ⁽¹⁾
V	Ω	Н	
10	1.00	0.05	50/60 Hz
12	1.33	0.05	LXD1J7
24	5.37	0.22	LXD1B7
32	10.1	0.39	LXD1C7
42	17	0.67	LXD1D7
48	21.7	0.87	LXD1E7
110	124.1	4.6	LXD1F7
115	129.8	5	LXD1FE7
120	150.6	5.4	LXD1G7 ⁽²⁾
200	410.7	15	LXD1L7
208	430.4	16	LXD1LE7 ⁽²⁾
220	515.4	18	LXD1M7 ⁽³⁾
230	538.6	20	LXD1P7
240	562.3	22	LXD1U7
277	800.7	29	LXD1W7 ⁽²⁾
380	1551	55	LXD1Q7 ⁽⁴⁾
400	1633	60	LXD1V7
415	1694	65	LXD1N7
440	1993	73	LXD1R7
480	2398	87	LXD1T7 ⁽²⁾
500	2499	95	LXD1S7
575	3294	125	LXD1SC7
600	3810	136	LXD1X7
660	4656	165	LXD1YC7
690	5020	180	LXD1Y7

The last 2 digits in the reference represent the voltage code.
 Coil for use only on 60 Hz.

(3) Suitable for use on 230 V/50 Hz. In this case, apply a coefficient of 0.6 to the mechanical durability of the contactor (see pages B8/82 and B8/84).
(4) Suitable for use on 400 V/50 Hz. In this case, apply a coefficient of 0.6 to the mechanical solution.

durability of the contactor (see pages B8/82 and B8/84).



a.c coils for \sim contactors LC1D40A...D80A, LC1DT60A and LC1DT80A

Specifications

Average consumption at 20 °C:

■ inrush (cos ϕ = 0.75) 160 VA, ■ sealed (cos ϕ = 0.3) 50 Hz; 15 VA, 60 Hz; 15 VA

Control circuit voltage Uc	Average resistance at 20 °C ±10%	Inductance of closed circuit	Reference ⁽¹⁾
V	Ω	Н	
			50/60 Hz
24	1.98	0.12	LXD3B7
42	6.18	0.37	LXD3D7
48	7.97	0.48	LXD3E7
110	42.28	2.50	LXD3F7
115	48.76	2.74	LXD3FE7
120	37.63	2.07	LXD3G7 (2)
208	105	6.22	LXD3LE7 ⁽²⁾
220	182	10	LXD3M7 ⁽³⁾
230	192	10.9	LXD3P7
240	202	11.9	LXD3U7
380	512	29.9	LXD3Q7 (4)
400	607	33.1	LXD3V7
415	635	35.6	LXD3N7
440	682	40.1	LXD3R7
480	607	33.1	LXD3T7 ⁽²⁾
575	1238	68.4	LXD3SC7
600	1304	74.5	LXD3X7

The last 2 digits in the reference represent the voltage code.
 This coil can only be used on 60 Hz.

(2) This Concern only be used on on PL.
(3) Suitable for use on 230 V / 50 Hz. In this case, apply a coefficient of 0.6 to the mechanical durability of the contactor (see page 88/82 and 88/84).
(4) Suitable for use on 400 V / 50 Hz. In this case, apply a coefficient of 0.6 to the mechanical durability of the contactor (see page 88/82 and 88/84).



LX1D6••

a.c coils for 3 or 4-pole contactors LC1D40, D50, D65, D80, D95

Specifications

Average consumption at 20 °C:

■ inrush (cos φ = 0.75) 50 Hz: 200 VA, 60 Hz: 220 VA

■ sealed (cos \$\phi\$ = 0.3) 50 Hz: 20 VA, 60 Hz: 22 VA.

Operating	range	(θ ≤ 55	°C): 0.85…1.1 Uc.	

Control circuit voltage Uc	Average resistance at 20°C ±10 %	Inductance of closed circuit	Reference	Average resistance at 20 °C ±10 %	Inductance of closed circuit	Reference (1)
V	Ω	Н		Ω	Н	
			50 Hz			60 Hz
24	1.4	0.09	LX1D6B5	1.05	0.06	LX1D6B6
110	31	1.9	LX1D6F5	22	1.2	
115	31	1.9	LX1D6FE5	-	-	-
208	-	-	-	86	4.3	LX1D6L6
220	-	-	-	98	4.8	LX1D6M6
220/230	127	7.5	LX1D6M5	-	-	-
240	152	8.7	LX1D6U5	120	5.7	LX1D6U6
380	_	-	-	300	14	LX1D6Q6
440	513	30	LX1D6R5	392	19	
480	-	-	-	480	23	LX1D6T6

Specifications

Average consumption at 20 °C:

■ inrush (cos φ = 0.75) 50/60 Hz: 245 VA at 50 Hz

■ sealed (cos φ= 0.3) 50/60 Hz: 26 VA at 50 Hz.

Operating range ($\theta \leq 55$ °C): 0.85...1.1 Uc.

						50/60 Hz
24	-	-	-	1.22	0.08	LX1D6B7
48	-	-	-	5	0.32	LX1D6E7
110	-	-	-	26	1.7	LX1D6F7
120	-	-	-	32	2	LX1D6G7
220/23	0 (2) -	-	-	102	6.7	LX1D6M7
230	-	-	-	115	7.7	LX1D6P7
230/24	0 (3) —	-	-	131	8.3	LX1D6U7
380/40	0 (4) -	-	-	310	20	LX1D6Q7
400	_	-	-	349	23	LX1D6V7
415	-	-	-	390	24	LX1D6N7
440	-	-	-	410	27	LX1D6R7

(1) The last 2 digits in the reference represent the voltage code.

(2) For use on 230 V / 50 Hz, apply a coefficient of 0.6 to the mechanical durability of the

(a) This coil can be used on 220°V at 50 Hz, apply a coefficient of 0.6 to the mechanical durability of the contactor, see page B8/82 and B8/84. This coil can be used on 240 V at 60 Hz.
(3) This coil can be used on 220/240 V at 50 Hz and on 240 V only at 60 Hz.
(4) For use on 400 V / 50 Hz, apply a coefficient of 0.6 to the mechanical durability of the contactor, see page B8/82 and B8/84.



a.c coils for 3 or 4-pole contactors LC1D115

Specifications

- Average consumption at 20 °C:
- inrush ($\cos \phi = 0.8$) 50 or 60 Hz: 300 VA
- sealed $(\cos \phi = 0.3)$ 50 or 60 Hz: 22 VA.

Operating range ($\theta \le 55$ °C): 0.85...1.1 Uc.

Control circuit voltage Uc	Average resistance at 20 °C ±10 %	Inductance of closed circuit	Reference	Average resistance at 20 °C ±10 %	Inductance of closed circuit	Reference
V	Ω	Н		Ω	Н	
			50 Hz			60 Hz
24	-	-	-	0.87	0.07	LX1D8B6
32	2.14	0.17	LX1D8C5	-	-	-
42	3.91	0.28	LX1D8D5	-	-	-
48	_	-	-	3.91	0.28	LX1D8E6
127	32.75	2.44	LX1D8FC5	-	-	-
208	_	-	-	67.92	5.06	LX1D8L6
220	104.77	7.65	LX1D8M5	_	-	-
380	338.51	22.26	LX1D8Q5	243.07	17.04	LX1D8Q6
440	441.56	30.34	LX1D8R5	338.51	22.26	LX1D8R6
500	566.62	38.12	LX1D8S5	_	-	_

a.c coils for 3 or 4-pole contactors LC1D115, LC1D150 Specifications

Average consumption at 20 °C:

■ inrush: $\cos \phi = 0.9 - 280$ to 350 VA

■ sealed: $\cos \phi = 0.9 - 2$ to 18 VA.

Operating range ($\theta \le 55$ °C): 0.8...1.15 Uc.

Coils with integral suppression device fitted as standard, class B.

Uc	at 20 °C ±10 %	of closed circuit	(1)	resistance at 20 °C ±10 %	of closed circuit	Reference (1)
٧	Ω	н		Ω	н	
						50/60 Hz
24	-	-	-	147	3.03	LX1D8B7
32	-	-	-	301	8.28	LX1D8C7
48	-	-	-	1061	24.19	LX1D8E7
110	-	-	_	4377	109.69	LX1D8F7
115	-	-	_	4377	109.69	LX1D8FE7
120	-	-	_	4377	109.69	LX1D8G7
208	-	-	_	10 895	260.15	LX1D8LE7
220	-	-	_	9895	210.72	LX1D8M7
230	-	-	_	9895	210.72	LX1D8P7
240	-	-	_	9895	210.72	LX1D8U7
277	_	-	-	21 988	533.17	LX1D8UE7
380	_	-	_	21 011	482.42	LX1D8Q7
400	-	-	-	21 011	482.42	LX1D8V7
415	_	_	_	21 011	482.42	LX1D8N7
440	_	-	_	21 501	507.47	LX1D8R7
480	-	-	-	32 249	938.41	LX1D8T7

(1) The last 2 digits in the reference represent the voltage code.

d.c. coils for 3-pole contactors LC1D80 or 4-pole contactors LP1D80

Specifications Average consumption: 22 W.

Operating range: 0.85...1.1 Uc.

Control circuit voltage Uc	Average resistance at 20 °C ± 10%	Inductance of closed circuit	Reference (1)	Weight
٧	Ω	Н		kg
12	6.6	0.46	LX4D7JD	0.680
24	27	1.89	LX4D7BD	0.680

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(1) The last 2 digits in the reference represent the voltage code.

LX4D7JD

d.c. coils for contactors LC1D115, D150

Specifications

Consumption: inrush 270 to 365 W, sealed 2.4 to 5.1 W. Operating range: 0.75...1.2 Uc. Coils with integral suppression device fitted as standard, class B.



Control circuit voltage Uc	Average resistance at 20 °C ± 10 %	Inductance of closed circuit	Reference (1)	Weight
V	Ω	Н		kg
24	147	3.03	LX4D8BD	0.300
60	1673	38.44	LX4D8ND	0.300
220	9895	210.72	LX4D8MD	0.300
250	18 022	345.40	LX4D8UD	0.300

(1) The last 2 digits in the reference represent the voltage code.

LX4D8•D







GC10020

No. of poles	μ.	Number of 17.5 mm modules		Commercial reference 50 Hz coil - different voltages				
$\sum_{i=1}^{n}$	7		12	24	48	110	220/240	
	(v	v	v	v	v	
Maximun	n current r	ating category A	C-7a - 16 A					
1	-	1	-	-	GC1610E5	-	GC1610M5 *	12
	1	1	-	GC1611B5	-	GC1611F5	GC1611M5 *	12
2	_	1	-	GC1620B5	-	GC1620F5 *	GC1620M5 *	12
2	2	2	-	-	-	GC1622F5 *	GC1622M5	6
3	-	2	-	-	-	-	GC1630M5 *	6
Ļ	-	2	-	-	-	GC1640F5	GC1640M5 *	6
Maximun	n current r	ating category A	C-7a - 25 A					
-	2	1	-	GC2502B5	GC2502E5	*	GC2502M5 *	12
-	4	2	-	GC2504B5	GC2504E5	*	GC2504M5 *	6
	_	1	-	GC2510B5	_	_	GC2510M5 *	12
	1	1	-	-	_	_	GC2511M5 *	12
2	_	1	GC2520J5	GC2520B5	-	-	GC2520M5 *	12
2	2	2	-	GC2522B5	-	-	GC2522M5 *	6
3	_	2	-	-	-	GC2530F5	GC2530M5 *	6
3	1	2	-	-	-	_	GC2531M5	6
Ļ	_	2	-	-	GC2540E5	GC2540F5 *	GC2540M5 *	6
Maximun	n current r	ating category A	C-7a - 40 A					
-	2	2	-	-	-	-	GC4002M5 *	6
-	4	3	-	_	_	-	GC4004M5	4
	1	2	_	_	_	-	GC4011M5 *	6
2	_	2	_	_	_	GC4020F5 *	GC4020M5 *	6
2	2	3	-	_	_	_	GC4022M5	4
3	_	3	-	_	_	_	GC4030M5 *	4
	_	3	_	_	_	_	GC4040M5 *	4
Maximun	n current r	ating category A	C-7a - 63 A					
-	2	2	-	-	-	-	GC6302M5	6
_	4	3	-	GC6304B5	_	-	GC6304M5	4
2	_	2	-	-	_	_	GC6320M5	6
3	_	3	-	_	_	_	GC6330M5 *	4
	_	3		GC6340B5	GC6340E5	-	GC6340M5 *	4
Maximun	n current r	ating category A	C-7a - 100 A					
2	_	3	-	-	-	-	GC10020M5	4
- 	_	6	_	GC10040B5	_	_	GC10040M5 >	

TeSys Control Modular "Dual tariff" contactors Product references





Modu	lar "dua	al tariff" cor	ntactors	- 17.5 mm p	itch for	modular pa	nels		
No. of poles	b .	Number of 17.5 mm modules		mercial reference coil - different voltages					
\mathbf{N}	7		12	24	48	110	220/240		
)	1		v	V	V	v	v		
Maximur	n current r	ating category A	AC-7a - 16 A						
2	-	1	-	GY1620B5		-	GY1620M5	12	
1	-	2	-	_	-	-	GY1640M5	6	
Maximur	n current r	ating category A	AC-7a - 25 A						
2	-	1	-	-	-	-	GY2520M5 ★	12	
1	-	2	-	-	-	-	GY2540M5	6	
Maximur	n current r	ating category A	AC-7a - 40 A						
2	-	2	-	-	-	-	GY4020M5	6	
1	-	3	-	_	-	-	GY4040M5	4	
Maximur	n current r	ating category A	AC-7a - 63 A						
2	-	2	-	-	-	_	GY6320M5	6	
1	-	3	-	GY6340B5	_	-	GY6340M5	4	

 \star for 60 Hz coil replace last figure 5 by 6.

GY6340M5

Contactors

TeSys Control Modular Impulse relays Product references

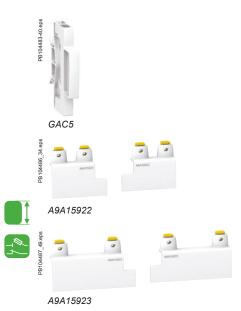


GF1620B7

Modular imp	ulse re	elays	- 17.5	mm pitc	h for n	nodular panels
Maximum current rating category AC-1	Compo	L.	$\frac{\text{Coil volta}}{\sim 50/60}$ Hz	iges	Sold in lots of	Unit reference
A	•	•	v	V		
16	2	-	12	6	12	GF1620J7
			24	12	12	GF1620B7
			110	48	12	GF1620F7
			230/240	110	12	GF1620U7
	1	1	12	6	12	GF1611J7
			24	12	12	GF1611B7
			220	-	12	GF1611M7
			230/240	110	12	GF1611U7

TeSys Control Modular Contactors - Accessories Product references





Instantaneo	us auxiliary contact bloc	ks
Number of contac	ts Number of poles	Reference
2	1 1 –	GAC0521
	- 2 -	GAC0531
	1	GAC0511

Accessories					
Description	For use on contactor		Operational voltage in V	Sold in lots of	Unit reference
Coil suppression blocks comprising	-	1	1248	1	GAP21
2 RC circuits			110240	1	GAP23
Ventilation 1/2 module clips onto பா rail	_	1/2	-	10	GAC5
Set of screw shields (10 top parts	40 or 63 A 2 contacts	2	-	1	A9A15922
+ 10 bottom parts)	40 or 63 A 3 or 4 contacts	3	-	1	A9A15923

Contactors

Dimensions, scheme	es: Schemes:	
page B8/116	page B8/117	
B8/54	ife Is On Schneider	

DPE09P7	GF1611M7	LA4DA2U	LA9D32974	LAD6K10B	LADC223
DPE12P7	GF1611U7	LA4DB3B	LA9D4002	LAD6K10E	LADC226
DPE1801P7	GF1620B7	LA4DB3S	LA9D40961	LAD6K10F	LADN01
DPE18P7	GF1620F7	LA4DBL	LA9D40963	LAD6K10J	LADN02
DPE2501P7	GF1620U7	LA4DC1U	LA9D5017	LAD6K10K	LADN023
DPE25P7	GS2AH4120F	LA4DC3U	LA9D50978	LAD6K10M	LADN026
DPE32B7	GV1G09	LA4DE1E	LA9D511	LAD7X3	LADN04
DPE32P7	GV2G05	LA4DE1G	LA9D6567	LAD8N02	LADN043
GAC0511	GV2G245	LA4DE1U	LA9D6569	LAD8N026	LADN046
GAC0521	GV2G254	LA4DE2E	LA9D65A6	LAD8N11	LADN10
GAC0531	GV2G272	LA4DE2G	LA9D65A69	LAD8N116	LADN11
GAC5	GV2G345	LA4DE2U	LA9D730	LAD8N11G	LADN113
GAP21	GV2G354	LA4DE3E	LA9D8002	LAD8N20	LADN113G
GAP23	GV2G445	LA4DE3U	LA9D8017	LAD8N206	LADN113P
GC10020M5	GV2G454	LA4DFB	LA9D8018	LAD90	LADN116
GC10040M5	GV2G472	LA4DT0U	LA9D8067	LAD901	LADN11G
GC1610M5	GV2G554	LA4DT2U	LA9D8069	LAD9011	LADN11P
GC1611B5	GV3G264	LA4DT4U	LA9D80691	LAD903	LADN13
GC1611F5	GV3G364	LA4DWB	LA9D8070	LAD904	LADN133
GC1611M5	GV3S	LA4KA1U	LA9D8079	LAD91209	LADN136
GC1620B5	GY1620B5	LA4KC1B	LA9D80961	LAD91217	LADN13G
GC1620D7	GY1620M5	LA4KC1E	LA9D80962	LAD91218	LADN13P
GC1620F5	GY2520M5	LA4KC2B	LA9D80963	LAD912GV	LADN20
GC1620M5	GY2520M6	LA4KE1B	LA9D80973	LAD92560	LADN203
GC1620M6	GY2540M5	LA4KE1E	LA9D80978	LAD93217	LADN206
GC1622F5	GY4020M5	LA4KE1FC	LA9D894	LAD93218	LADN22
GC1622M5	GY4040M5	LA4KE1UG	LA9D898	LAD96061	LADN223
GC1630M5	GY6320M5	LA4SKC1U	LA9D90	LAD96560	LADN223G
GC1640F5	GY6340M5	LA4SKE1E	LA9D901	LAD96566	LADN226
GC1640M5	LA1DX02	LA4SKE1U	LA9D92	LAD96570	LADN22G
GC2502B5	LA1DX11	LA5D11550	LA9D93	LAD96575	LADN22P
GC2502E5	LA1DX20	LA5D1158031	LA9D99	LAD96580	LADN22S
GC2502M5	LA1DY20	LA5D115804	LA9E01	LAD9722	LADN31
GC2504B5	LA1DZ31	LA5D150803	LA9E02	LAD9723	LADN313
GC2504M5	LA1DZ40	LA6DK10C	LA9K0969	LAD9744	LADN313G
GC2510B5	LA1KN02	LA6DK10J	LA9K105I	LAD9BB18	LADN316
GC2510M5	LA1KN023	LA6DK10U	LA9K105S	LAD9BB32	LADN31G
GC2511M5	LA1KN02M	LA6DK20B	LA9KNS35	LAD9DL3	LADN31P
GC2520B5	LA1KN04	LA6DK20E	LAD21	LAD9ET1	LADN40
GC2520F6	LA1KN043	LA6DK20F	LAD22	LAD9ET1S	LADN403
GC2520J5	LA1KN11	LA6DK20J	LAD4BB	LAD9ET2	LADN403G
GC2520M5	LA1KN113	LA6DK20M	LAD4BB3	LAD9ET3S	LADN406
GC2520M6	LA1KN11M	LA6DK20Q	LAD4BBVE	LAD9ET4	LADN40G
GC2522B5	LA1KN13	LA7D902	LAD4BBVG	LAD9ET4S	LADR0
GC2522M5	LA1KN133	LA9D0921	LAD4BBVU	LAD9P3	LADR03
GC2530F5	LA1KN20	LA9D09976	LAD4CM	LAD9P32	LADR06
GC2530M5	LA1KN203	LA9D09980	LAD4D3U	LAD9P33	LADR2
GC2530M6	LA1KN207	LA9D09981	LAD4DDL	LAD9R1	LADR23
GC2531M5	LA1KN22	LA9D11502	LAD4RC3E	LAD9R11	LADR26
GC2540E5	LA1KN223	LA9D11517	LAD4RC3G	LAD9R1V	LADR4
GC2540M5	LA1KN223M	LA9D115503	LAD4RC3N	LAD9R3	LADR43
GC2540M6	LA1KN22M	LA9D115603	LAD4RC3U LAD4RCE	LAD9R3S	LADR46
GC4002M5	LA1KN31	LA9D115604		LAD9SD3	LADS2
GC4004M5	LA1KN313	LA9D11567		LAD9SD3S	LADS23
GC4011M5	LA1KN316	LA9D11569		LAD9V1	LADS26
GC4020F5	LA1KN317	LA9D115691	LAD4T3B	LAD9V10	
GC4020F6	LA1KN31M	LA9D115692	LAD4T3G	LAD9V11	LADT03
GC4020M5		LA9D11570	LAD4T3R	LAD9V12	LADT06 LADT2
GC4020M6	LA1KN403	LA9D115703	LAD4T3S	LAD9V13	
GC4022M5		LA9D115704 LA9D11571	LAD4T3U LAD4TB	LAD9V14	LADT23 LADT26
GC4030M5	LA1SK01		LAD4TBDL	LAD9V15	
GC4040M5	LA1SK02	LA9D1263		LAD9V16	
GC4040M6 GC6302M5	LA1SK11	LA9D1269	LAD4TGDL LAD4TS	LAD9V17 LAD9V2	
GC6302M5 GC6304B5		LA9D12974	LAD41S LAD4TSDL	LAD9V2 LAD9V5	LADT9R1 LADT9R1V
	LA2KT2E	LA9D15017	LAD4TSDL LAD4TUDL		
GC6304M5		LA9D16906			LAZR90M
GC6320M5	LA4DA1E	LA9D1860	LAD4V3E	LAD9VP1	LAZR90Q
GC6330M5	LA4DA1G	LA9D1869	LAD4V3G	LAD9VP2	LAZR91F
GC6330M6	LA4DA1U	LA9D2561	LAD4V3U	LAD9VP3	LC1D066BD
GC6340B5 GC6340M5	LA4DA2E LA4DA2G	LA9D2569 LA9D3260	LAD4VE LAD4VG	LAD9VP4 LADALLEN4	LC1D066F7 LC1D066M7

LC1D093B7	LC1D09FL	LC1D115B7	LC1D128F7	LC1D150BD	LC1D18BL
LC1D093BD	LC1D09G7	LC1D115BD	LC1D128FD	LC1D150D7	LC1D18BNE
LC1D093BL	LC1D09GD	LC1D115D7	LC1D128G7	LC1D150E7	LC1D18C7
LC1D093E7	LC1D09JD	LC1D115E5	LC1D128L7	LC1D150ED	LC1D18CD
LC1D093ED	LC1D09JL	LC1D115E7	LC1D128M7	LC1D150F7	LC1D18D5
LC1D093F7	LC1D09K7	LC1D115ED	LC1D128MD	LC1D150FD	LC1D18D7
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LC1D093G7	LC1D09M7	LC1D115FD	LC1D128U7	LC1D150K7	LC1D18EHE
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LC1D093MD	LC1D09ND	LC1D115G7	LC1D12B7	LC1D150MD	LC1D18FC7
LC1D093N7	LC1D09P5	LC1D115GD	LC1D12BD	LC1D150N7	LC1D18FD
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LC1D093U7	LC1D09R7	LC1D115LE7	LC1D12C7	LC1D150R7	LC1D18G7
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LC1D096FD	LC1D09V7	LC1D115P7	LC1D12ED	LC1D17000M7CS003	LC1D18KUE
LC1D096FL	LC1D09W7	LC1D115Q7	LC1D12EHE	LC1D183B7	LC1D18L7
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LC1D098ED	LC1D115004M5	LC1D123M7	LC1D12P7	LC1D186EL	LC1D253BL
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LC1D098FD	LC1D115004MD	LC1D123V7	LC1D12R7	LC1D186FD	LC1D253F7
LC1D098G7	LC1D115004P5	LC1D126B7	LC1D12RD	LC1D186G7	LC1D253FD
LC1D098JD	LC1D115004P7	LC1D126BD	LC1D12SD	LC1D186K7	LC1D253M7
LC1D098M7	LC1D115004Q5	LC1D126BL	LC1D12T7	LC1D186L7	LC1D253MD
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LC1D098U7	LC1D115004V7	LC1D126FD	LC1D12X7	LC1D186P7	LC1D253V7
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LC1D09EHE	LC1D1156MD	LC1D128BL	LC1D1506P7	LC1D188MD	LC1D2586FD
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LOIDOOII		LC1D128E7	LC1D1506SD	LC1D18B5	LC1D258BL
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LC1D09FC7	LC1D1156R7			L C1D18B7	LC1D258C7
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LC1D25BD	LC1D32E5	LC1D38P5	LC1D40AM7	LC1D50AKUE	LC1D65A6ND
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LC1D25BNE	LC1D32ED	LC1D38Q7	LC1D40AND	LC1D50ALE7	LC1D65A6R7
LC1D25C7	LC1D32EHE	LC1D38R7	LC1D40AP5	LC1D50AM7	LC1D65A6SD
LC1D25CD	LC1D32EL	LC1D38SD	LC1D40AP7	LC1D50AMD	LC1D65A6U7
LC1D25D5	LC1D32F7	LC1D38U7	LC1D40AQ7	LC1D50AN7	LC1D65A6UD
LC1D25D7	LC1D32FC7	LC1D38V7	LC1D40AR7	LC1D50AND	LC1D65AB5
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LC1D25FC7	LC1D32JL	LC1D40008D7	LC1D40B7	LC1D50AU7	LC1D65AD5
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LC1D25FE7	LC1D32KUE	LC1D40008E7	LC1D40D7C	LC1D50AV7	LC1D65AE5
LC1D25FL	LC1D32L7	LC1D40008F7	LC1D40E7	LC1D50AX7	LC1D65AE7
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LC2K09015E7	LC3D18AU7	LP1K06103BD	LP1K12004FD	LP4K09004BW3	LX1D8G7
LC2K09015F7	LC3D320AG7	LP1K06103BD3	LP1K12004JD	LP4K090085BW3	LX1D8L7
LC2K09015P7	LC3D320AP7	LP1K06103ED	LP1K12013BD3	LP4K090087BW3	LX1D8M5
LC2K0901B7	LC3D32AB7	LP1K06105BD	LP1K12015BD	LP4K09008BW3	LX1D8M7
LC2K0901D7	LC3D32AF7	LP1K06106BD	LP1K12015MD	LP4K09008EW3	LX1D8N7
LC2K0901E7	LC3D32AP7	LP1K0610BD	LP1K12015MDS35	LP4K09008SW3	LX1D8P7
LC2K0901F7	LC3D80B7	LP1K0610BD3	LP1K1201BD	LP4K09013BW3	LX1D8Q5
LC2K0901F72	LC3D80B7A64	LP1K0610ED	LP1K1201BD3	LP4K09015BW3	LX1D8Q7
LC2K0901G7	LC3D80E7A64	LP1K0610FD	LP1K1201ED	LP4K0901BW3	LX1D8R7
LC2K0901M7	LC3D80F7	LP1K0610FD3	LP1K1201FD	LP4K0901FW3	LX1D8T7
LC2K0901P7	LC3D80F7A64	LP1K0610JD	LP1K1201MD	LP4K09103BW3	LX1D8U7
		LP1K0610JD			LX1D8V7
LC2K0901U7	LC3D80M7		LP1K12103BD	LP4K09105BW3	
LC2K0901V7	LC3D80P7	LP1K0610MPD	LP1K12103BD3	LP4K09106BW3S16	LX4D2UD
LC2K09103B7	LC3D80P7A64	LP1K090043BD	LP1K12105BD	LP4K09107BW3	LX4D7BD
LC2K09103E7	LC3D80U7A64	LP1K090045BD	LP1K1210BD	LP4K0910BW3	LX4D7JD
LC2K09105B7	LC3K09P7	LP1K090045ND	LP1K1210BD3	LP4K0910FW3	LX4D8BD
LC2K09105E7	LC7K0601M7	LP1K09004BD	LP1K1210ED	LP4K0910JW3	LX4D8MD
LC2K09105M7	LC7K0610M7	LP1K09004BD3	LP1K1210FD	LP4K12004BW3	LXD1B7
LC2K09107B7	LC7K09004B7	LP1K09004ED	LP1K1210JD	LP4K12015BW3	LXD1C7
LC2K0910B7	LC7K09004M7	LP1K09004FD	LP1K1210MD	LP4K12016BW3S16	LXD1D7
LC2K0910D7	LC7K09015M7	LP1K09004GD	LP1K1210SD3	LP4K1201BW3	LXD1E7
LC2K0910D72	LC7K0901M7	LP1K09004JD	LP1SK0600BD	LP4K1201EW3	LXD1F7
LC2K0910E7	LC7K0910B7	LP1K09004MD	LP1SK0600ED	LP4K12103BW3	LXD1FE7
LC2K0910F7	LC7K0910M7	LP1K090085BD	LP1SK0600JD	LP4K12106BW3S16	LXD1G7
LC2K0910M7	LC7K1201E7	LP1K090085MD	LP2K06013BD	LP4K1210BW3	LXD1J7
LC2K0910P7	LC7K1201F7	LP1K090085MDS35	LP2K06015BD	LP4K1210SW3	LXD1L7
LC2K0910U7	LC7K1201M7	LP1K09008BD	LP2K06015BD3	LP5K06015BW3	LXD1LE7
LC2K12004F7	LC7K1210F7	LP1K09008BD3	LP2K0601BD	LP5K0601BW3	LXD1M7
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LC2K1201B72	LP1D40008BD	LP1K09008FD	LP2K0601ED	LP5K09004BW3	LXD1P7
LC2K1201E7	LP1D40008ED	LP1K09008JD	LP2K0601JD	LP5K09013BW3	LXD1Q7
LC2K1201F7	LP1D40008FD	LP1K09008MD	LP2K06103BD3	LP5K0901BW3	LXD1R7
LC2K1201G7	LP1D40008GD	LP1K09008ND	LP2K0610BD	LP5K0910BW3	LXD1S7
LC2K1201M7	LP1D40008MD	LP1K09013BD	LP2K0610BD3	LP5K12004BW3	LXD1SC7
LC2K1201P7	LP1D40008MW	LP1K09013BD3	LP2K0610JD	LP5K12015BW3	LXD1T7
LC2K1201U7	LP1D40008ND	LP1K09015BD	LP2K09004BD3	LP5K1201BW3	LXD1U7
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	LP1D800046SW			LX1D6B5	LXD1X7
LC2K12107B7		LP1K0901BD3	LP2K0901BD		
LC2K1210B7	LP1D80004BD	LP1K0901ED	LP2K0901BD3	LX1D6B6	LXD1Y7
LC2K1210D7	LP1D80004BW	LP1K0901ED3	LP2K0901ED	LX1D6B7	LXD3B7
LC2K1210E7	LP1D80004ED	LP1K0901FD	LP2K0901JD	LX1D6E7	LXD3D7
LC2K1210F7	LP1D80004FD	LP1K0901GD	LP2K0901ND	LX1D6F5	LXD3E7
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LC2K1210L7	LP1D80008BW	LP1K0901ND	LP2K0910BD3	LX1D6L6	LXD3G7
LC2K1210M7	LP1D80008ED	LP1K0901SD3	LP2K0910ED	LX1D6M5	LXD3LE7
LC2K1210P7	LP1D80008FD	LP1K09103BD	LP2K1201BD	LX1D6M6	LXD3M7
LC2K1601K7	LP1D80008MD	LP1K09103BD3	LP2K1201BD3	LX1D6M7	LXD3N7
LC2K1610B7	LP1D80008MW	LP1K09105BD	LP2K12105BD	LX1D6N7	LXD3P7
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LC3D115F7A64	LP1K06013MD3	LP1K0910BD3	LP2K1210JD	LX1D6R7	LXD3T7
LC3D115M7A64	LP1K06015BD	LP1K0910ED	LP4K06013BW3	LX1D6T6	LXD3U7
LC3D115P7	LP1K06016BD	LP1K0910ED3	LP4K06016BW3S16	LX1D6U5	LXD3V7
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LC3D150M7A64	LP1K0601BD3	LP1K0910GD	LP4K0601SW3	LX1D6U7	
			LP4K06103BW3	LX1D6V7	
LC3D150P7	LP1K0601ED				
LC3D150P7 LC3D150P7A64	LP1K0601FD	LP1K0910JD LP1K0910MD	LP4K06105BW3	LX1D8B7	