

TeSys Control

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



Life Is On

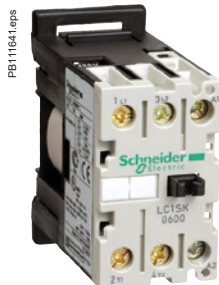
Schneider
Electric

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 electrodome 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
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 kVAR		B8/34
Auxiliary contact blocks – accessories – spare coils for TeSys Deca			B8/36
Modular contactors			
Modular contactors	From 16 to 100 A		B8/51
Modular Dual tariff contactors	16, 25, 40 or 100 A		B8/52
Modular Impulse relay	Up to 16 A		B8/53
Auxiliary contact blocks - accessories			B8/54

TeSys Control

SK Contactors

Product references



LC1SK0600●●

- Width of contactor 27 mm.
- Mounting on 35 mm rail.
- Screw clamp terminals.

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

Mini-contactors for motor in category AC-3

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 circuit voltage ^{(2) (3)}
220 V	380 V	660 V					
230 V	415 V	690 V					
kW	kW	kW	A				
1.1	2.2	2.2	6	2	–	–	LC1SK0600●●

Mini-contactors for motor in category AC-1

Non inductive loads maximum current ($\theta \leq 55^\circ\text{C}$) utilisation category AC-1	Control circuit supply	Number of poles	Instantaneous auxiliary contacts		Basic reference. Complete with code indicating control circuit voltage ^{(2) (3)}
A					
12	a.c.	2	–	–	LC1SK0600●●
	d.c.	2	–	–	LP1SK0600●●

(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 ~ 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.

Add-on power pole (for 3-phase circuits) with aux. contact

For use on contactor LC1SK0600●● with 1 NO power pole (6 A AC-3, 10 A AC-1) and with 1 NC aux. contact (Ith 10 A). Ue 690 V AC 50/60 Hz for both contacts	Number of poles	Instantaneous auxiliary contacts	Reference
Clip-on front mounting	1	– 1	LA1SK01

Instantaneous auxiliary contact blocks

For use on contactor LC1SK0600●● Aux. contacts: Ith 10 A. Ue: 690 V AC 50/60 Hz	Maximum number of blocks per contactor	Composition		Reference
Clip-on front mounting	1	2	–	LA1SK20
		–	2	LA1SK02
		1	1	LA1SK11

Coil suppressor modules

Clip-on fixing and electrical connection on right-hand side, without use of tools

For use on contactors	Type	For voltages	Sold in lots of	Unit reference
LC1SK0600●●	Varistor ⁽¹⁾	~ and ~ 24 V...48 V	10	LA4SKE1E
LP1SK0600●●, LC1SKGC	Diode ⁽²⁾	~ and ~ 110 V...250 V	10	LA4SKE1U
		~ 24 V...250 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).

TeSys Control

SKGC Contactors

Product references

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.



LC1SKGC200



LC1SKGC300

Mini-contactors, width 27 mm

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3			Rated operational current in AC-3 up to 400 V	Non inductive loads category AC-1 maximum current $\theta \leq 50^\circ\text{C}$	No. of poles			Basic reference, to be completed by adding the voltage code ^{(1) (2)}
220 V	380 V	660 V						
230 V	415 V	690 V						
kW	kW	kW	A	A				
–	–	–	5	20	2	–	–	LC1SKGC200●●

Mini-contactors, width 45 mm

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3			Rated operational current in AC-3 up to 400 V	Non inductive loads category AC-1 maximum current $\theta \leq 50^\circ\text{C}$	No. of poles			Basic reference, to be completed by adding the voltage code ^{(1) (2)}
220 V	380 V	660 V						
230 V	415 V	690 V						
kW	kW	kW	A	A				
1.1	4	4	9	20	3	1	–	LC1SKGC310●●
					3	–	1	LC1SKGC301●●

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

Volts ~ 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.



Contactors

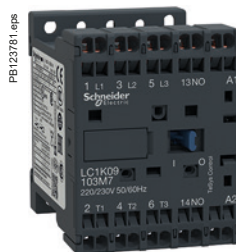
TeSys Control

K Contactors

Product references



LC1K0910●●



LC1K09103●●



LC1K09107●●



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.

3-pole 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 up to	Instantaneous auxiliary contacts	Basic reference, to be completed by adding the voltage code ^{(1) (2)}
220 V	380 V	440/500 V			
230 V	415 V	660/690 V			
kW	kW	kW	A		
Screw clamp connections					
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 -	LC1K1210●●
		5.5 (440)		- 1	LC1K1201●●
4	7.5	4 (> 440)	16	1 -	LC1K1610●●
		5.5 (440)		- 1	LC1K1601●●

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: 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.

Coil with rectifier incorporated, suppressor fitted as standard.

Screw clamp connections

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 -	LC7K1210●●
		5.5 (440)		- 1	LC7K1201●●

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: 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⁾

Contactors LC1K (0.8...1.15 Uc) (0.85...1.1 Uc)

Volts	12	20	24 ⁽¹⁾	36	42	48	110	115	120	127	200/208	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	380/400		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 (0.85...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 LC●K●●●●3/LP●K●●●●3 with spring terminal, lth 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.

TeSys Control

K Contactors

Product references



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-pole contactors - Motor control 6 to 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 up to	Instantaneous auxiliary contacts	Basic reference, to be completed by adding the voltage code ^{(1) (2)}
220 V	380 V	440/500 V			
230 V	415 V	660/690 V			
kW	kW	kW	A		
Screw clamp connections					
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●●

Spring terminal connections ⁽³⁾

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

Example: LP1K0610●● becomes LP1K06103●●.

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: LP1K0610●● becomes LP1K06107●●.

Solder pins for printed circuit boards

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

Example: LP1K0610●● becomes LP1K06105●●.

3-pole low consumption contactors

Compatible with programmable controller outputs.

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

Screw clamp connections

1.5	2.2	3	6	1 –	LP4K0610●●
				– 1	LP4K0601●●
2.2	4	4	9	1 –	LP4K0910●●
				– 1	LP4K0901●●
3	5.5	4 (> 440)	12	1 –	LP4K1210●●
		5.5 (440)		– 1	LP4K1201●●

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: LP4K0610●● becomes LP4K06107●●.

Solder pins for printed circuit boards

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

Example: LP4K0610●● becomes LP4K06105●●.

Standard control circuit voltages (for other voltages, please consult your Regional Sales office)

d.c. supply (contactors LP1K: 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

Low consumption (contactors 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 LC●K●●●●3 / LP●K●●●●3 with spring terminal, I_{th} max = 10 A.



TeSys Control

K Contactors

Product references



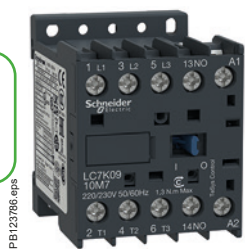
LC1K09004●●



LC1K09103●●



LC1K09107●●



LC7K0910●●

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.

3 or 4-pole contactors - Load control up to 20 A in category AC-1 - a.c. coil ⁽¹⁾

Non-inductive loads Category AC-1 Maximum current at $\theta \leq 50\text{ }^{\circ}\text{C}$	Number of poles		Instantaneous auxiliary contacts		Basic reference, to be completed by adding the voltage code ^{(2) (3)}
					
A					
Screw clamp connections					
20	3	—	1	—	LC1K0910●● or LC1K1210●●
	3	—	—	1	LC1K0901●● or LC1K1201●●
	4	—	—	—	LC1K09004●● or LC1K12004●●
	2	2	—	—	LC1K09008●●

Spring terminal connections ⁽⁴⁾

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

Example: LC1K0910●● becomes LC1K09103●●.

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: LC1K0910●● becomes LC1K09107●●.

Solder pins for printed circuit boards

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

Example: LC1K0910●● becomes LC1K09105●●.

3 or 4-pole silent contactors ⁽¹⁾

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

Coil with rectifier incorporated, suppressor fitted as standard.

Screw clamp connections

20	3	—	1	—	LC7K0910●● or LC7K1210●●
	3	—	—	1	LC7K0901●● or LC7K1201●●
	4	—	—	—	LC7K09004●● or LC7K12004●●
	2	2	—	—	LC7K09008●●

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: 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.

Standard control circuit voltages (for other voltages, please consult your Regional Sales office)

Coil voltage codes - a.c. ⁽⁵⁾

Contactors LC1K (0.8...1.15 Uc) (0.85...1.1 Uc)

Volts	12	20	24 ⁽²⁾	36	42	48	110	115	120	127	200/208	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	380/400		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)

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

⁽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 **LC●K●●●●●3 / LP●K●●●●●3** with spring terminal, $I_{th\ max} = 10\text{ A}$.

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

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

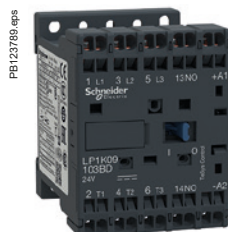
TeSys Control

K Contactors

Product references



LP1K09004●●



LP1K09103●●



LP1K09105●●



LP4K0910●●●

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.

3 and 4-pole contactors - Load control - 20 A in category AC-1 - d.c. coil ⁽¹⁾

Non-inductive loads Category AC-1 Maximum current at $\theta \leq 50^{\circ}\text{C}$	Number of poles 	Instantaneous auxiliary contacts 	Basic reference, to be completed by adding the voltage code ^{(2) (3)}		
A					
Screw clamp connections					
20	3	—	1	—	LP1K0910●●
					or LP1K1210●●
	3	—	—	1	LP1K0901●●
					or LP1K1201●●
	4	—	—	—	LP1K09004●●
					or LP1K12004●●
	2	2	—	—	LP1K09008●●

Spring terminal connections ⁽⁴⁾

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

Example: LP1K0910●● becomes LP1K09103●●.

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: LP1K0910●● becomes LP1K09107●●.

Solder pins for printed circuit boards

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

Example: LP1K0910●● becomes LP1K09105●●.

3 or 4-pole 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	–	LP4K0910●●●
					or LP4K1210●●●
	3	–	–	1	LP4K0901●●●
					or LP4K1201●●●
	4	–	–	–	LP4K09004●●●
					or LP4K12004●●●
	2	2	–	–	LP4K09008●●●

Spring terminal connections

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

Example: LP4K0910●● becomes LP4K09103●●.

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: LP4K0910●● becomes LP4K09107●●.

Solder pins for printed circuit boards

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

Example: LP4K0910●● becomes LP4K09105●●.

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

Standard control circuit voltages (for other voltages, please consult your Regional Sales office)

Coil voltage codes - d.c. (contactors LP1K: 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 voltage codes - low consumption d.c. (contactors 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.

⁽²⁾ 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.

⁽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 LC●K●●●●3 / LP●K●●●●3 with spring terminal, lth max = 10 A.





LC2K0910●●



LC2K09105●●

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 up to	Instantaneous auxiliary contacts per contactor	Basic reference, to be completed by adding the voltage code ^{(1) (2)}
220 V	380 V	440/500 V			
230 V	415 V	660/690 V			
kW	kW	kW	A		
Screw clamp connections					
1.5	2.2	3	6	1 –	LC2K0610●●
				– 1	LC2K0601●●
2.2	4	4	9	1 –	LC2K0910●●
				– 1	LC2K0901●●
3	5.5	4 (> 440)	12	1 –	LC2K1210●●
		5.5 (440)		– 1	LC2K1201●●
4	7.5	4 (> 440)	16	1 –	LC2K1610●●
		5.5 (440)		– 1	LC2K1601●●

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●● becomes LC2K06105●●.

Standard control circuit voltages (for other voltages, please consult your Regional Sales office)

Coil voltage codes - a.c. ⁽⁴⁾

Reversing contactors LC2K (0.8...1.15 Uc) (0.85...1.1 Uc)

Volts	12	20	24 ⁽¹⁾	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	380/400	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**.

⁽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 LC●K●●●●3 / LP●K●●●●3 with spring terminal, lth 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.

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 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 up to	Instantaneous auxiliary contacts per contactor	Basic reference, to be completed by adding the voltage code ^{(1) (2)}
220 V	380 V	440/500 V			
230 V	415 V	660/690 V			
kW	kW	kW	A		
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 terminal connections ⁽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.
Wide range coil (0.7...1.30 Uc), suppressor fitted as standard, consumption 1.8 W.

Screw clamp connections

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●●
		5.5 (440)		– 1	LP5K1201●●

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 voltage codes - low consumption d.c.

Reversing contactors LP5K (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 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) For LC●K●●●●3 / LP●K●●●●3 with spring terminal, lth max = 10 A.



LC2K0910●●



LC2K09105●●

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 reversing contactors - Load control - 20 A in category AC-1 - a.c. coil ⁽¹⁾

Non-inductive loads Category AC-1 Maximum current at $\theta \leq 50^\circ\text{C}$	Number of poles	Instantaneous auxiliary contacts per contactor	Basic reference, to be completed by adding the voltage code ^{(2) (3)}

A

Screw clamp connections

20	3	—	1	—	LC2K0910●● or LC2K1210●●
	3	—	—	1	LC2K0901●● or LC2K1201●●
	4	—	—	—	LC2K09004●● 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

In the references selected above, insert a figure 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.

Standard control circuit voltages (for other voltages, please consult your Regional Sales office)

Coil voltage codes - a.c. ⁽⁵⁾

Reversing contactors LC2K (0.8...1.15 U_c) (0.85...1.1 U_c)

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	380/400	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.

⁽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 LC●K●●●●3 / LP●K●●●●3 with spring terminal, I_{th} max = 10 A.

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

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 contactors - Load control - 20 A in category AC-1 - d.c. coil ⁽¹⁾

Non-inductive loads Category AC-1 Maximum current at $\theta \leq 50^\circ\text{C}$	Number of poles	Instantaneous auxiliary contacts per contactor	Basic reference, to be completed by adding the voltage code ^{(2) (3)}
			

A

Screw clamp connections

20	3	—	1	—	LP2K0910●● or LP2K1210●●
	3	—	—	1	LP2K0901●● or LP2K1201●●
	4	—	—	—	LP2K09004●● or LP2K12004●●

Spring terminal connections ⁽⁴⁾

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 U_c), 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 control circuit voltages (for other voltages, please consult your Regional Sales office)

Coil voltage codes - d.c. (reversing contactors LP2K: 0.8...1.15 U_c)

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 voltage codes - low consumption d.c. (reversing contactors LP5K: 0.7...1.3 U_c)

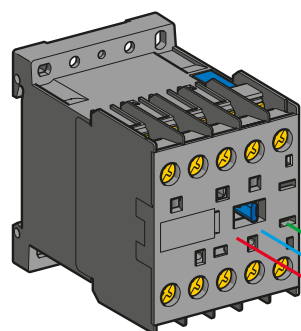
Volts ---	12	20	24	48	72	110	120
Code	JW3	ZW3	BW3	EW3	SW3	FW3	GW3

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

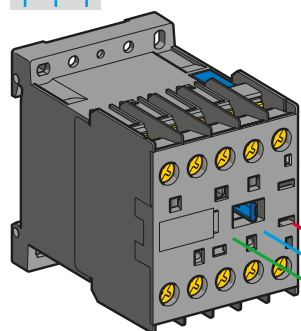
⁽²⁾ For LP2K only, when connecting an electronic sensor or timer in series with the contactor coil, select a 20 V coil (~ control circuit voltage code Z7, --- control circuit voltage code ZD) so as to compensate for the incurred voltage drop.

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

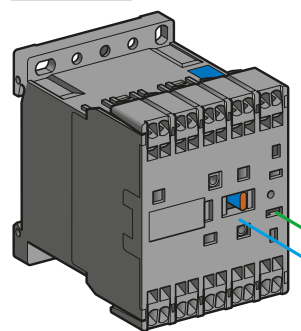
⁽⁴⁾ For LC●K●●●●3 / LP●K●●●●3 with spring terminal, I_{th} max = 10 A.



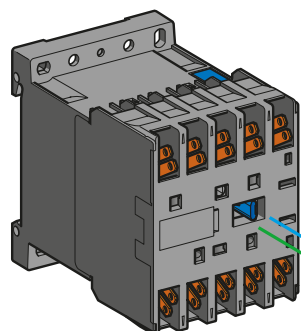
LC1, LC7, LP1 K



LC1, LC7, LP1 K



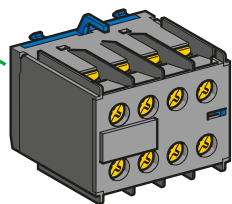
LC1, LP1 K



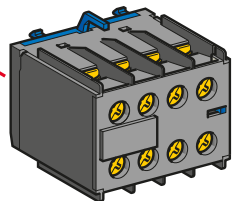
LC1, LC7, LP1 K



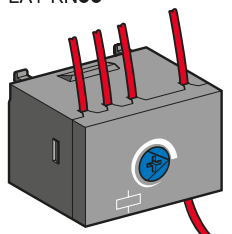
Contactor



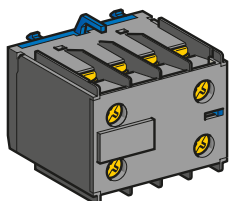
LA1 KN...M



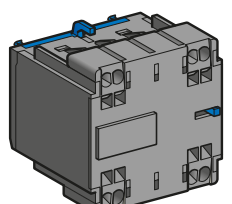
LA1 KN...



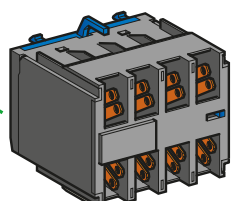
LA2 KT2...



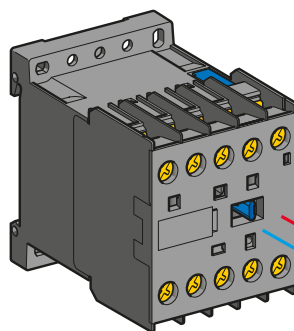
LA1 KN...P



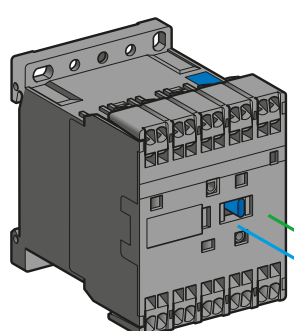
LA1 KN...3



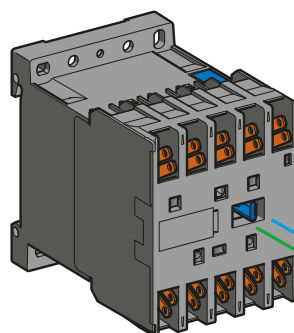
LA1 KN...7



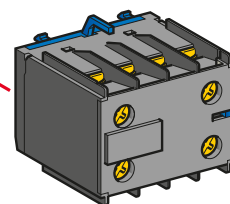
LP4



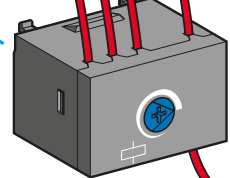
LP4



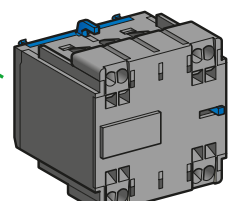
LP4



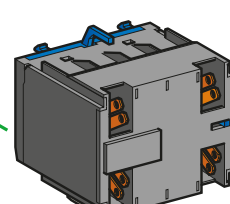
LA1 KN...



LA2 KT2...



LA1 KN...3



LA1 KN...7

TeSys Control

K Contactors - Auxiliary contacts blocks

Product references



LA1KN22



LA1KN223



LA1KN407

Instantaneous auxiliary contact blocks

Recommended for standard applications. Clip-on front mounting, 1 block per contactor

Connection	For use on contactors	Composition		Reference
				
Screw clamp terminals	All products with screw clamp terminals	2	—	LA1KN20
		—	2	LA1KN02
		1	1	LA1KN11
	All products with screw clamp terminals except low consumption	4	—	LA1KN40
		3	1	LA1KN31
		2	2	LA1KN22
		1	3	LA1KN13
		—	4	LA1KN04
Spring terminals	All products with spring terminals	2	—	LA1KN203
		—	2	LA1KN023
		1	1	LA1KN113
	All products with spring terminals except low consumption	4	—	LA1KN403
		3	1	LA1KN313
		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
		4	—	LA1KN407
	All products with Faston connectors except low consumption	3	1	LA1KN317
		3	1	LA1KN317

With terminal referencing to standard EN 50012. Clip-on front mounting, 1 block per contactor

Screw clamp terminals with referencing conforming to standard EN 50012	All 3-pole + N/O products with screw clamp terminals except LP4 and LP5K12	—	2	LA1KN02M
		1	1	LA1KN11M
	All 3-pole + N/O products with screw clamp terminals except LP4 or LP5K06, K09 and K12	3	1	LA1KN31M
		2	2	LA1KN22M

Electronic time delay auxiliary contact blocks

Relay output with common point changeover contact, ~ 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.

Clip-on front mounting, 1 block per contactor

Voltage	Type	Timing range	Composition	Reference
V		s		
~ or 24...48	On-delay	1...30	1	LA2KT2E
~ 110...240	On-delay	1...30	1	LA2KT2U

Product references



References

Mounting and connection	Type	For voltages	Sold in lots of	Unit reference
Clip-on fixing on the front of contactors LC1 and LP1, with locating device. No tools required.	Varistor ⁽¹⁾	~ and --- 12...24 V	5	LA4KE1B
		~ and --- 32...48 V	5	LA4KE1E
		~ and --- 50...129 V	5	LA4KE1FC
		~ and --- 130...250 V	5	LA4KE1UG
	Diode + Zener diode ⁽²⁾	--- 12...24 V	5	LA4KC1B
		--- 32...48 V	5	LA4KC1E
	RC ⁽³⁾	~ 110...250 V	5	LA4KA1U

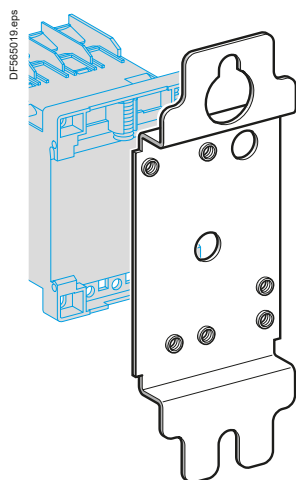
- (1) Protection provided by limiting the transient voltage to $2 U_c \text{ max.}$
Maximum reduction of transient voltage peaks.
Slight increase in drop-out time (1.1 to 1.5 times the normal time).
- (2) No overvoltage or oscillating frequency.
Polarised component.
Slight increase in drop-out time (1.1 to 1.5 times the normal time).
- (3) Protection by limiting the transient voltage to $3 U_c \text{ max.}$ and limitation of the oscillating frequency.
Slight increase in drop-out time (1.2 to 2 times the normal time).



TeSys Control

K Contactors - Accessories

Product references



DX1AP25



LA9E01

Mounting and marking accessories				
Description	Application		Sold in lots of	Unit reference
Mounting plates ⁽¹⁾	For fixing on 2 U 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 0...9	25	AB1R● ⁽²⁾
		Strips of 10 identical letters A...Z	25	AB1G● ⁽²⁾

Connection accessories				
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

⁽¹⁾ Order 1 mounting plate for fixing a contactor and 2 mounting plates for fixing a reversing contactor.

⁽²⁾ Complete the reference by replacing the dot with the required character.



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



> Click on QR code to download

Deca green, enriching Deca family

Deca conventional contactors 9 to 150 A, for motor control and other applications.

Deca green delivers a consistent low consumption range of contactors from 9 A to 80 A, covering control voltage from 24 to 250 V, with same coils for AC and DC.



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.

TeSys Control

Deca Contactors

Introduction



Highly competitive coil consumption

Small changes can generate big savings. The new Deca green contactor is equipped with an innovative electronic coil. These electronic-coil contactors require **up to 80 % less energy** than electro-mechanical contactors. This innovation results in concrete values: for example, large plants can noticeably reduce their energy bills and heat dissipation in cabinet.

Available in



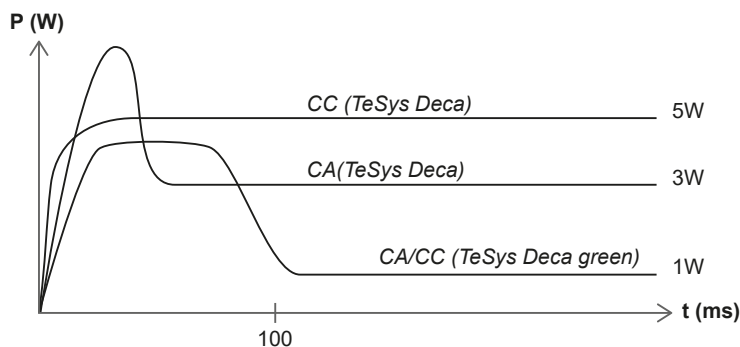
09-12-18 A

25-32-38 A

40-50-65-80 A

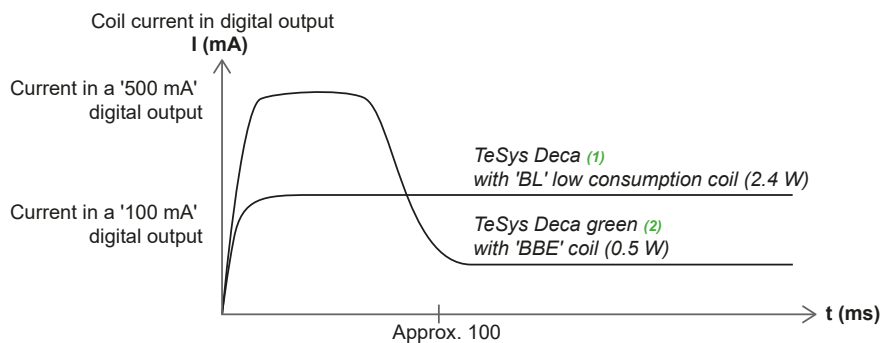
Coil currents comparison

Deca green contactors (AC/DC coil) vs Deca contactors (AC, DC coils)



Deca green brings a significant reduction of energy consumption.

Deca green contactors ("BBE" coil) vs Deca contactors (low consumption "BL" coil)



(1) Up to 38 A.
(2) 40 to 80 A.

Deca green contactor is well adapted to direct control by PLC static outputs, even in its high ratings.



LC1D09●●●



LC1D40A●●●

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

3-pole contactors - Motor control up to 37 kW / 400 V - Category AC-3

Standard power ratings of 3-phase motors 50-60 Hz in category AC-3 ($\theta \leq 60^\circ\text{C}$)						Rated opera- tional current in AC-3 440 V up to	Instan- taneous auxiliary contacts	Basic reference, to be completed by adding the control voltage code ⁽¹⁾	Weight
220 V 230 V	380 V 400 V	415 V	440 V	500 V	660 V 690 V	A		Fixing ⁽²⁾	

Connection by screw clamp terminals

kW	kW	kW	kW	kW	kW	A				kg
2.2	4	4	4	5.5	5.5	9	1	1	LC1D09●●●	0.368
3	5.5	5.5	5.5	7.5	7.5	12	1	1	LC1D12●●●	0.373
4	7.5	9	9	10	10	18	1	1	LC1D18●●●	0.378
5.5	11	11	11	15	15	25	1	1	LC1D25●●●	0.433
7.5	15	15	15	18.5	18.5	32	1	1	LC1D32●●●	0.438
9	18.5	18.5	18.5	18.5	18.5	38	1	1	LC1D38●●●	0.442

Power connections by EverLink® BTR ⁽³⁾ screw connectors and control by screw clamp terminal

11	18.5	22	22	22	30	40	1	1	LC1D40A●●●	0.992
15	22	25	30	30	33	50	1	1	LC1D50A●●●	0.997
18.5	30	37	37	37	37	65	1	1	LC1D65A●●●	1.002
22	37	37	37	37	37	66	1	1	LC1D80A●●●	1.002

Connection for lugs or bars

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

Example: LC1D40A●●● becomes LC1D40A6●●●

Auxiliary contact blocks and add-on modules

See pages B8/36 to B8/42.

Control voltage codes

AC/DC or 24 V DC supply

Volts	24 (DC only)	24-60	48-130	100-250
LC1D09 ... D38,				
LC1D40A ... D80A				
U 0.85...1.1 Uc		BNE	EHE	KUE
LC1D09 ... D38				
U 0.8 ... 1.2 Uc	BNE			
LC1D40A ... D80A				
U 0.8...1.2 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 D80A: clip-on mounting on 35 mm 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 B8/42).



TeSys Control

Deca green Contactors

Product references



LC1D09●●●



LC1D40A●●●



LC1DT60A●●●

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

3-pole contactors - Load control from 25 to 80 A - Category AC-1

Non inductive loads maximum current ($\theta \leq 60^\circ\text{C}$) utilisation category AC-1	Number of poles	Instan- taneous auxiliary contacts	Partial reference, to be completed by adding the control voltage code ⁽¹⁾	Weight
			Fixing ⁽²⁾	

A kg

Connection by screw clamp terminals

25	3	1	1	LC1D09●●●	0.368
				or LC1D12●●●	0.373
32	3	1	1	LC1D18●●●	0.378
40	3	1	1	LC1D25●●●	0.433
50	3	1	1	LC1D32●●●	0.438
				or LC1D38●●●	0.442

Connection by EverLink®, BTR screw connectors ⁽³⁾

60	3	1	1	LC1D40A●●●	0.992
80	3	1	1	LC1D50A●●●	0.997
				or LC1D65A●●● ⁽⁴⁾	1.002
				or LC1D80A●●● ⁽⁴⁾	1.002

Connection for lugs or bars

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

Example: LC1D40A●●● becomes LC1D40A6●●●

4-pole contactors

Connection by EverLink®, BTR ⁽³⁾ screw connectors

60	4	1	1	LC1DT60A●●●	1.230
80	4	1	1	LC1DT80A●●●	1.290

Connection for lugs or bars

For LC1DT60A to LC1DT80A, insert a figure 6 before the voltage code.

Example: LC1DT60A●●● becomes LC1DT60A6●●●

4-pole changeover contactors

Connection by EverLink®, BTR ⁽³⁾ screw connectors

60	4	1	1	LC2DT60A●●●	2.460
80	4	1	1	LC2DT80A●●●	2.580

Control voltage codes

AC/DC 24 V DC supply

Volts	24 (DC only)	24-60	48-130	100-250
LC1D09...D80A and LC●DT60A...DT80A				
U 0.85 1.1 Uc		BNE	EHE	KUE
LC1D09 D38				
U 0.8 1.2 Uc	BNE			
LC1D40 to LC1D80A, LC●DT60A to LC●DT80A				
U 0.8...1.2 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 D80A, LC●DT60A and LC●DT80A: clip-on mounting on 35 mm 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).

⁽⁴⁾ Coordination tables according to the number of operation cycles, consult online datasheets for values.

TeSys Control

Deca green Contactors

Product references



LC1D09●●●



LC1D40A●●●



Contactors

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

3-pole contactors conforming to UL and CSA standards (North American market) - 25 to 80 A

Standard power ratings of motors 50/60 Hz						Associated cable type 75 °C-Cu	Continuous current	Type of contactor required Partial reference, to be completed by adding the control voltage code ⁽¹⁾ Fixing, connection ⁽²⁾
Single-phase 1 Ø		3-phase 3 Ø						
115 V	230 V	200 V	230 V	460 V	575 V			

HP HP HP HP HP HP A

Connection by screw clamp terminals

1/3	1	2	2	5	7.5	AWG 18 - 10	25	LC1D09●●●
0.5	2	3	3	7.5	10	AWG 18 - 10	25	LC1D12●●●
1	3	5	5	10	15	AWG 18 - 8	32	LC1D18●●●
2	3	7.5	7.5	15	20	AWG 14 - 6	40	LC1D25●●●
2	5	10	10	20	25	AWG 14 - 6	50	LC1D32●●●

Power connections by EverLink® BTR ⁽³⁾ screw connectors and control by spring terminals

3	5	10	10	30	30	AWG 16 - 2	60	LC1D40A●●●
3	7.5	15	15	40	40	AWG 16 - 2	70	LC1D50A●●●
5	10	20	20	40	50	AWG 16 - 2	80	LC1D65A●●●
5	10	20	20	40	50	AWG 16 - 2	80	LC1D80A●●●

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 voltage codes

AC/DC 24 V DC supply

Volts	24 (DC only)	24-60	48-130	100-250
LC1D09 ... D32, LC1D40A ... D80A				
U 0.85 ... 1.1 Uc		BNE	EHE	KUE
LC1D09 ... D38				
U 0.8 ... 1.2 Uc		BNE		
LC1D40A ... D80A				
U 0.8...1.2 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 rail NSYSR 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 contactors ⁽¹⁾	Coil code
PLC type	Output type	Output I (A)	Output module commercial reference			
M221 / M241 / M251	Static output: 24 V DC	0.5	TM3DQ8●●● and Q16●●● (T, TG, U, UG)	>>>	LC1D09●● to LC1D38●●, LC1D40A●●● to LC1D80A, LC1DT60A●●● to LC1DT80A●●●	BL, BNE BBE
		0.3 (sealed) 0.8 (inrush)	TM3XTYS4	>>>	LC1D40A●●● to LC1D80A, LC1DT60A●●● to LC1DT80A●●●	BBE, BD, BNE
		0.1	TM3DQ16●● and Q32●● (TK, UK)	>>>	LC1D09●● to LC1D38●●	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 / M580	Static output: 24 V DC	0.5	BMXDDO1602 and DM16022	>>>	LC1D09●● to LC1D38●●, LC1D40A●●● to LC1D80A, LC1DT60A●●● to LC1DT80A●●●	BL, BNE 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	>>>	LC1D09●● to LC1D38●●, LC1D40A●●● to LC1D80A, LC1DT60A●●● to LC1DT80A●●●	BL, BNE 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 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.

TeSys Control

Deca Contactors

Product references



LC1D09●●



LC1D25●●



LC1D80A●●



LC1D95●●



LC1D115●●

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

Standard power ratings of 3-phase motors 50-60 Hz in category AC-3 (θ ≤ 60 °C)							Rated operational current in AC-3 440 V up to	 		Basic reference, to be completed by adding the control voltage code ⁽¹⁾	Weight ⁽³⁾
										Fixing ⁽²⁾	
220 V 230 V	380 V 400 V	415 V	440 V	500 V	660 V 690 V	1000 V					
kW	kW	kW	kW	kW	kW	kW	A			kg	
Connection by screw clamp terminals											
2.2	4	4	4	5.5	5.5	–	9	1	1	LC1D09●●	0.320
3	5.5	5.5	5.5	7.5	7.5	–	12	1	1	LC1D12●●	0.325
4	7.5	9	9	10	10	–	18	1	1	LC1D18●●	0.330
5.5	11	11	11	15	15	–	25	1	1	LC1D25●●	0.370
7.5	15	15	15	18.5	18.5	–	32	1	1	LC1D32●●	0.375
9	18.5	18.5	18.5	18.5	18.5	–	38	1	1	LC1D38●●	0.380
Power connections by EverLink® BTR screw connectors ⁽⁴⁾ and control by screw clamp terminal											
11	18.5	22	22	22	30	–	40	1	1	LC1D40A●●	0.850
15	22	25	30	30	33	–	50	1	1	LC1D50A●●	0.855
18.5	30	37	37	37	37	–	65	1	1	LC1D65A●●	0.860
22	37	37	37	37	37	–	66	1	1	LC1D80A●●	0.860
Connection by screw clamp terminals or connectors											
22	37	45	45	55	45	45	80	1	1	LC1D80●●	1.590
25	45	45	45	55	45	45	95	1	1	LC1D95●●	1.610
30	55	59	59	75	80	65	115	1	1	LC1D115●●	2.500
40	75	80	80	90	100	75	150	1	1	LC1D150●●	2.500

Connection by lugs or bars

In the references selected above, insert a figure 6 before the voltage code.

Example: LC1D09●● becomes LC1D096●●.

Separate components

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

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	500
LC1D09...D150 (D115 and D150 coils with built-in suppression as standard, by bi-directional peak limiting diode).													
50/60 Hz	B7	D7	E7	F7	FE7	M7	P7	U7	Q7	V7	N7	R7	S7
LC1D09...D65 (not available with "connection for lugs or bars")													
50 Hz	B5	D5	E5				P5						
LC1D80...D115													
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	110	125	220	250	440
LC1D09...D38 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.7...1.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
LC1D40A...D65A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.75...1.25 Uc	JD	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	RD
LC1D80...D95											
U 0.85...1.1 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
U 0.75...1.2 Uc	JW	BW	CW	EW	—	SW	FW	—	MW	—	—
LC1D115 and D150 (coil with built-in suppression device as standard)											
U 0.75...1.2 Uc	—	BD	—	ED	ND	SD	FD	GD	MD	UD	RD

Low consumption DC (for low consumption AC/DC: Deca green contactors, page B8/18)

Volts	5	12	20	24	48	110	220	250
LC1D09...D38 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)								
U 0.8...1.25 Uc	AL	JL	ZL	BL	EL	FL	ML	UL

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 NSYSR or screw fixing.

LC1D80 to D95: clip-on mounting on 35 mm rail NSYSR 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 NSYSR 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) 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. Example: LC1D40ABBE.

TeSys Control

Deca Contactors

Product references



LC1D123●●



LC1D80A3●●

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

Standard power ratings of 3-phase motors
50-60 Hz in category AC-3
($\theta \leq 60^\circ \text{C}$)

Rated
operational
current in
AC-3 440 V
up to

Instan-
taneous
auxiliary
contacts

Basic reference,
to be completed by adding
the control voltage code ⁽¹⁾

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 A

Power and control connections by spring terminals

2.2	4	4	4	5.5	5.5	9	1	1	LC1D093●●
3	5.5	5.5	5.5	7.5	7.5	12	1	1	LC1D123●●
4	7.5	9	9	10	10	18	1	1	LC1D183●●
5.5	11	11	11	15	15	25	1	1	LC1D253●●
7.5	15	15	15	18.5	18.5	32 ⁽³⁾	1	1	LC1D323●●

Power connections by EverLink® BTR screw connectors ⁽⁴⁾ and control by spring terminals

11	18.5	22	22	22	30	40	1	1	LC1D40A3●●
15	22	25	30	30	33	50	1	1	LC1D50A3●●
18.5	30	37	37	37	37	65	1	1	LC1D65A3●●
22	37	37	37	37	37	66	1	1	LC1D80A3●●

Connection by Faston connectors

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●●.

Separate components

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

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
LC1D09...D80A												
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
LC1D09...D32 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.7...1.25 U _c	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
LC1D40A...D65A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.75...1.25 U _c	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD

Low consumption

Volts $\overline{\text{---}}$	5	12	20	24	48	110	220	250
LC1D09...D32 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)								
U 0.8...1.25 U _c	AL	JL	ZL	BL	EL	FL	ML	UL

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 D32: clip-on mounting on 35 mm 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 used (reference LADALLEN4, see page B8/42).



TeSys Control

Deca Contactors

Product references



LC1D09●●



LC1D80A●●



Contactors

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 NSYSR or screw fixing.

LC1D80 and D95: clip-on mounting on 35 mm rail NSYSR or 75 mm rail AM1DL or screw fixing.

LC1 or LP1D80 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 NSYSR 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 x 4 mm² 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. Example: LC1D40ABBE.

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

Non inductive loads maximum current ($\theta \leq 60^\circ\text{C}$) utilisation category AC-1	Number of poles	Instantaneous auxiliary contacts	Basic reference, to be completed by adding the control voltage code ⁽¹⁾	Weight ⁽³⁾
			Fixing ⁽²⁾	

A kg

Connection by screw clamp terminals

25	3	1	1	LC1D09●●	0.320
				or LC1D12●●	0.325
32	3	1	1	LC1D18●●	0.330
40	3	1	1	LC1D25●●	0.370
50	3	1	1	LC1D32●●	0.375
				or LC1D38●●	0.380

Connection by EverLink®, BTR screw connectors ⁽⁴⁾

60	3	1	1	LC1D40A●●	0.850
80	3	1	1	LC1D50A●●	0.855
				or LC1D65A●● ⁽⁵⁾	0.860
				or LC1D80A●● ⁽⁵⁾	0.860

Connection by screw clamp terminals or connectors

125	3	1	1	LC1D80●●	1.590
				or LC1D95●● ⁽⁶⁾	1.610
200	3	1	1	LC1D115●●	2.500
				or LC1D150●● ⁽⁶⁾	2.500

3-pole contactors for connection by lugs

In the references selected above, insert a figure 6 before the voltage code.

Example: LC1D09●● becomes LC1D096●●.

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	500
LC1D09...D150 (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	S7
LC1D09...D65 (not available with "connection for lugs or bars")													
50 Hz	B5	D5	E5				P5						

LC1D80...D150

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	110	125	220	250	440
LC1D09...D38 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.7...1.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
LC1D40A...D65A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.75...1.25 Uc	JD	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	RD	
LC1 or LP1D80 and D95											
U 0.85...1.1 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
U 0.75...1.2 Uc	JW	BW	CW	EW	—	SW	FW	—	MW	—	—
LC1D115 and D150 (coils with built-in suppression device fitted as standard)											
U 0.75...1.2 Uc	—	BD	—	ED	ND	SD	FD	GD	MD	UD	RD

Low consumption

Volts	5	12	20	24	48	110	220	250
LC1D09...D38 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)								
U 0.8...1.25 Uc	AL	JL	ZL	BL	EL	FL	ML	UL



LC1D123●●



LC1D80A3●●

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

Non inductive loads maximum current ($\theta \leq 60^\circ\text{C}$) utilisation category AC-1	Number of poles	Instantaneous auxiliary contacts	Basic reference, to be completed by adding the control voltage code ⁽¹⁾	Weight ⁽³⁾
			Fixing ⁽²⁾	

A kg

Connection by spring terminals

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 connections by EverLink® BTR screw connectors ⁽⁷⁾ and control by spring terminals

60	3	1	1	LC1D40A3●●	0.850
80	3	1	1	LC1D50A3●● ⁽⁸⁾	0.855
				or LC1D65A3●● ⁽⁸⁾	0.860
				or LC1D80A3●● ⁽⁸⁾	0.860

3-pole contactors for connection by Faston connectors

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 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.

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	500
-------	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

LC1D09...D80A

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
-------	----	----	----	----	----	----	-----	-----	-----	-----	-----

LC1D09...D32 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

U 0.7...1.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
-----------------	----	----	----	----	----	----	----	----	----	----	----

LC1D40A...D65A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

U 0.75...1.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
------------------	----	----	----	----	----	----	----	----	----	----	----

Low consumption

Volts	5	12	20	24	48	110	220	250
-------	---	----	----	----	----	-----	-----	-----

LC1D09...D32 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

U 0.8...1.25 Uc	AL	JL	ZL	BL	EL	FL	ML	UL
-----------------	----	----	----	----	----	----	----	----

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 NSYSR 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 and 0.075 kg from LC1D40A to D80A.

(4) 20 A with 2 x 2.5 mm² cables connected in parallel.

(5) 32 A with 2 x 4 mm² cables connected in parallel.

(6) 40 A with 2 x 4 mm² cables connected in parallel.

(7) 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).

(8) Coordination tables according to the number of operating cycles, see AC-1 curve, page A5/40.



LC1DT20●●



LC1DT80A●●



LC1D65008●●



4-pole contactors - Load control, 20 to 200 A in category AC-1

Non inductive loads maximum current ($\theta \leq 60^\circ\text{C}$) utilisation category AC-1	Number of poles	Instantaneous auxiliary contacts	Basic reference, to be completed by adding the control voltage code ⁽¹⁾ Fixing ⁽²⁾	Weight ⁽³⁾
--	--------------------	--	---	--------------------------

A kg

Connection by screw clamp terminals

20	4	—	1	1	LC1DT20●●	0.365
	2	2	1	1	LC1D098●●	0.365
25	4	—	1	1	LC1DT25●●	0.365
	2	2	1	1	LC1D128●●	0.365
32	4	—	1	1	LC1DT32●●	0.425
	2	2	1	1	LC1D188●●	0.425
40	4	—	1	1	LC1DT40●●	0.425
	2	2	1	1	LC1D258●●	0.425

Connection by EverLink®, BTR screw connectors

60	4	—	1	1	LC1DT60A●●	1.090
80	4	—	1	1	LC1DT80A●●	1.150

Connection by screw clamp terminals or connectors

60	2	2	—	—	LC1D40008●● or LP1D40008●●	1.440 2.210
80	2	2	—	—	LC1D65008●● or LP1D65008●●	1.450 2.220
125	4	—	—	—	LC1D80004●● or LP1D80004●●	1.760 2.685
	2	2	—	—	LC1D80008●● or LP1D80008●●	1.840 2.910
200	4	—	—	—	LC1D115004●●	2.860

4-pole contactors for connection by lugs or bars

In the references selected above, insert a figure 6 before the voltage code.

Example: LC1DT20●● becomes LC1DT206●●.

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	500
LC1D09...D150 and LC1DT20...DT80A (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	—
LC1D80...D115													
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	110	125	220	250	440
LC1D09...D25 and LC1DT20...DT40 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.75...1.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
LC1DT60A ...DT80A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.75...1.25 Uc	JD	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	RD
LP1D40...D80											
U 0.85...1.1 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
U 0.75...1.2 Uc	JW	BW	CW	EW	—	SW	FW	—	MW	—	—
LC1D115 (coil with built-in suppression device as standard)											
U 0.75...1.2 Uc	—	BD	—	ED	ND	SD	FD	GD	MD	UD	RD

Low consumption

Volts	5	12	20	24	48	110	220	250
LC1D09...D25 and LC1DT20...DT40 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)								
U 0.8...1.25 Uc	AL	JL	ZL	BL	EL	FL	ML	UL

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 D38 and LC1DT20 to DT80A: clip-on mounting on 35 mm rail NSYSR or screw fixing.

LC1D80 ~: clip-on mounting on 35 mm rail NSYSR or 75 mm rail AM1DL or screw fixing.

LC1 or LP1D80 ~: clip-on mounting on 75 mm rail AM1DL or screw fixing.

LC1D115 and D150: clip-on mounting on 2 x 35 mm rails NSYSR 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 LC1DT60A and D80A and 1 kg for LC1D80.

(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. Example: LC1DT60ABBE.

TeSys Control

Deca Contactors

Product references



LC1DT253●●



LC1DT80A3●●

4-pole contactors - Load control, 20 to 80 A in category AC-1

Non inductive loads maximum current ($\theta \leq 60^\circ \text{C}$) utilisation category AC-1	Number of poles	Instantaneous auxiliary contacts	Basic reference, to be completed by adding the voltage code ⁽¹⁾	Weight ⁽³⁾
			Fixing ⁽²⁾	

A						kg
Connection by spring terminals						
20	4	—	1	1	LC1DT203●●	0.380
	2	2	1	1	LC1D0983●●	0.380
25	4	—	1	1	LC1DT253●●	0.380
	2	2	1	1	LC1D1283●●	0.380
32	4	—	1	1	LC1DT323●●	0.425
	2	2	1	1	LC1D1883●●	0.425
40	4	—	1	1	LC1DT403●●	0.425
	2	2	1	1	LC1D2583●●	0.425

Connection by EverLink®, BTR screw connectors and control circuit by spring terminals

60	4	—	1	1	LC1DT60A3●●	1.090
80	4	—	1	1	LC1DT80A3●●	1.150

Separate components

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

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	500
-------	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

LC1D09...D25 and LC1DT20...DT80A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

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
-------	----	----	----	----	----	----	-----	-----	-----	-----	-----

LC1D09...D25 and LC1DT20...DT40 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

U 0.7...1.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
-----------------	----	----	----	----	----	----	----	----	----	----	----

LC1DT60A...80A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

U 0.75...1.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
------------------	----	----	----	----	----	----	----	----	----	----	----

Low consumption

Volts	5	12	20	24	48	110	220	250
-------	---	----	----	----	----	-----	-----	-----

LC1D09...D25 and LC1DT20...DT40 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

U 0.8...1.25 Uc	AL	JL	ZL	BL	EL	FL	ML	UL
-----------------	----	----	----	----	----	----	----	----

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 D38 and LC1DT20 to DT80A: clip-on mounting on 35 mm rail NSYSR 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 for LC1DT60A and DT80A.



LC1D09●●



LC1D25●●



LC1D80A●●



LC1D95●●

Contactors conforming to UL and CSA standards (North American market) - 25 to 160 A

Standard power ratings of motors 50/60 Hz						Associated cable type 75 °C-Cu	UL continuous current	Type of contactor required Basic reference, to be completed by adding the control voltage code ⁽¹⁾ Fixing, connection ⁽²⁾
Single-phase 1 Ø		3-phase 3 Ø						
120 V	240 V	208 V	240 V	480 V	600 V			
HP	HP	HP	HP	HP	HP		A	
Connection by screw clamp terminals								
1/3	1	2	2	5	7.5	AWG 18 - 10	25	LC1D09●●
0.5	2	3	3	7.5	10	AWG 18 - 10	25	LC1D12●●
1	3	5	5	10	15	AWG 18 - 8	32	LC1D18●●
2	3	7.5	7.5	15	20	AWG 14 - 6	40	LC1D25●●
2	5	10	10	20	25	AWG 14 - 6	50	LC1D32●● ⁽³⁾
2	5	10	10	20	25	AWG 14 - 6	50	LC1D38●● ⁽³⁾
Power connections by EverLink® BTR screw connectors and control by spring terminals								
3	5	10	10	30	30	AWG 16 - 2	60	LC1D40A●●
3	7.5	15	15	40	40	AWG 16 - 2	70	LC1D50A●●
5	10	20	20	40	50	AWG 16 - 2	80	LC1D65A●●
5	10	20	20	40	50	AWG 16 - 2	80	LC1D80A●●
Connection by screw clamp terminals or connectors								
7.5	15	25	30	60	60	AWG 10 - 2	110	LC1D80●●
7.5	15	25	30	60	60	AWG 10 - 2	110	LC1D95●●
—	—	30	40	75	100	AWG 8-1/0	160	LC1D115●●
—	—	40	50	100	125	AWG 8-1/0	160	LC1D150●●

Applications with High-Fault Short-Circuit ratings

High-fault short-circuit current ratings are: 100 kA (D09-80, D115-150) at 600 V with Class J fuses and 85 kA (D09-38), 100 kA (D40A-80, D115-150) at 480 V and 50 kA (D09-80, D115-150) at 600 V with circuit breakers.

Application example

For a 15 HP-230 V motor

Select a contactor type **LC1D50A**.

Information: the contactor rating selected corresponds to "size 2", the associated cable is type AWG3 75 °C-Cu.

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

a.c. supply

Volts	24	42	48	110	115	120	208	220	230	240	380	400	415	440	480	500
LC1D09...D150 (D115 and D150 coils with built-in suppression device as standard)																
50/60 Hz	B7	D7	E7	F7	FE7	G7 ⁽⁴⁾	LE7 ⁽⁴⁾	M7	P7	U7	Q7	V7	N7	R7	T7 ⁽⁴⁾	S7
LC1D09...D65 (not available with "connection for lugs or bars")																
50 Hz	B5	D5	E5						P5							
LC1D80...D115																
50 Hz	B5	D5	E5	F5	FE5	G5	–	M5	P5	U5	Q5	V5	N5	R5	–	S5
60 Hz	B6	–	E6	F6	–	G6	L6	M6	–	U6	Q6	–	–	R6	T6	–

d.c. supply

Volts	12	24	36	48	60	72	110	125	220	250	440
LC1D09...D32 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.7...1.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
LC1D40A...D65A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.75...1.25 Uc	JD	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	RD
LC1D80 and D95											
U 0.85...1.1 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
U 0.75...1.2 Uc	JW	BW	CW	EW	–	SW	FW	–	MW	–	–
LC1D115 and D150 (coils with built-in suppression device as standard)											
U 0.75...1.2 Uc	–	BD	–	ED	ND	SD	FD	GD	MD	UD	RD

Low consumption

Volts	5	12	20	24	48	72	110	220	250
LC1D09...D38 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)									
U 0.8...1.25 Uc	AL	JL	ZL	BL	EL	SL	FL	ML	UL

⁽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 D65A: clip-on mounting on 35 mm L rail NSYSR or screw fixing.

LC1D80 and LC1D95: clip-on mounting on 35 mm L rail NSYSR or 75 mm L rail AM1DL or screw fixing.

LC1D115 and D150: clip-on mounting on 2 x 35 mm L rails NSYSR or screw fixing.

⁽³⁾ Versions with spring terminals LC1D323 and LC1D383 are not certified UL/CSA.

⁽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. Example: LC1D40ABBE.

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

Horizontally mounted - Pre-wired power connections.

Standard power ratings of 3-phase motors 50-60 Hz in category AC-3 ($\theta \leq 60^\circ\text{C}$)							Rated opera- tional current in AC-3 440 V up to	Instan- taneous auxiliary contacts per contactor	Contactors supplied with coil Basic reference, to be completed by adding the control voltage code ⁽¹⁾		Weight ⁽³⁾
220 V	380 V	415 V	440 V	500 V	660 V	1000 V			Fixing ⁽²⁾		kg
230 V	400 V				690 V						

With mechanical interlock, without electrical interlocking, for connection by screw clamp terminals or connectors

kW	kW	kW	kW	kW	kW	kW	A				kg
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	LC2D12●● ⁽⁴⁾	0.697
4	7.5	9	9	10	10	—	18	1	1	LC2D18●● ⁽⁴⁾	0.707
5.5	11	11	11	15	15	—	25	1	1	LC2D25●● ⁽⁴⁾	0.787
7.5	15	15	15	18.5	18.5	—	32	1	1	LC2D32●● ⁽⁴⁾	0.797
9	18.5	18.5	18.5	18.5	18.5	—	38	1	1	LC2D38●● ⁽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

With mechanical interlock and electrical interlocking, for connection by screw clamp terminals or connectors

30	55	59	59	75	80	65	115	1	1	LC2D115●●	6.350
40	75	80	80	90	100	75	150	1	1	LC2D150●●	6.400

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: **LC2D09●●** becomes **LC2D096●●**.
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.

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	500
LC2D09...D150 (D115 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	S7
LC2D80...D115													
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	110	125	220	250	440
LC2D09...D38 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.7...1.25 U _c	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
LC2D40A...D65A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.75...1.25 U _c	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD

Low consumption

Volts	5	12	20	24	48	110	220	250
LC2D09...D38 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)								
U 0.8...1.25 U _c	AL	JL	ZL	BL	EL	FL	ML	UL

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 D65A: clip-on mounting on 35 mm rail NSYSR or screw fixing.

LC2D80 and D95: clip-on mounting on 35 mm rail NSYSR or 75 mm rail AM1DL or screw fixing.

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

(3) The weights indicated are for contactors with a.c. control circuit. For d.c. or low consumption control circuit, add 0.330 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.

TeSys Control

Deca Reversing contactors

Product references



LC2D123●●

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

Pre-wired power connections.

Mechanical interlock without electrical interlocking.

Standard power ratings of 3-phase motors 50-60 Hz in category AC-3 ($\theta \leq 60^\circ\text{C}$)							Rated operational current in AC-3 440 V up to	Instantaneous auxiliary contacts per contactor	Contactors supplied with coil Basic reference, to be completed by adding the voltage code ⁽¹⁾	Weight ⁽³⁾
220 V	380 V	415 V	440 V	500 V	660 V	690 V			Fixing ⁽²⁾	
230 V	400 V									
kW	kW	kW	kW	kW	kW	A				kg
For connection by spring terminals										
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
Power connection by EverLink [®] , BTR screw connectors ⁽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 connection by Faston connectors

All power connections are to be made by the customer.

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 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

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

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	500
LC2D09...D65A													
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
LC2D09...D32 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.7...1.25 U _c	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
LC2D40A...D65A (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)											
U 0.75...1.25 U _c	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD

Low consumption

Volts $\overline{\text{---}}$	5	12	20	24	48	110	220	250
LC2D09...D32 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)								
U 0.8...1.25 U _c	AL	JL	ZL	BL	EL	FL	ML	UL

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 $\overline{\text{---}}$ rail NSYSR 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).

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.

For connection by screw clamp terminals or connectors

Utilisation category AC-1 Non-inductive loads Maximum rated operational current ($\theta \leq 60^\circ \text{C}$)	Instantaneous auxiliary contacts per contactor		Contactors supplied with coil Basic reference, to be completed by adding the voltage code ⁽¹⁾⁽²⁾ Fixing ⁽³⁾	Weight kg
A				
20	1	1	LC2DT20●●	0.730
25	1	1	LC2DT25●●	0.730
32	1	1	LC2DT32●●	0.850
40	1	1	LC2DT40●●	0.850
125	—	—	LC2D80004●●	3.200
200	—	—	LC2D115004●●	7.400

For connection by lugs or bars

20	1	1	LC2DT206●●	0.730
25	1	1	LC2DT256●●	0.730
32	1	1	LC2DT326●●	0.850
40	1	1	LC2DT406●●	0.850

For customer assembly

For connection by screw clamp terminals or connectors

60	1	1	LC1DT60A●● ⁽⁴⁾	—
80	1	1	LC1DT80A●● ⁽⁴⁾	—

For connection by lugs or bars

60	1	1	LC1DT60A6●● ⁽⁴⁾	—
80	1	1	LC1DT80A6●● ⁽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.

⁽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 rail NSYSR or screw fixing.
LC2D80: clip-on mounting on 35 mm rail NSYSR or 75 mm rail AM1DL or screw fixing.

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

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



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, for customer assembly

Pre-wired power connections, for connection by spring terminals.

Utilisation category AC-1 Non-inductive loads Maximum rated operational current ($\theta \leq 60^\circ\text{C}$)	Instantaneous auxiliary contacts per contactor	Contactors supplied with coil
		Basic reference, to be completed by adding the control voltage code ⁽¹⁾ Fixing ⁽²⁾

A			
20	1	1	LC2DT203●●

Power connection by EverLink®, BTR screw connectors ⁽³⁾ and control by spring terminals

60	1	1	LC1DT60A3●● ⁽⁴⁾
80	1	1	LC1DT80A3●● ⁽⁴⁾

Separate components

Auxiliary contact blocks and add-on modules: see pages B8/19 to B8/19.

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	500
-------	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

LC2DT20...DT40, LC2DT60A...DT80A

50/60 Hz	B7	D7	E7	F7	FE7	M7	P7	U7	Q7	V7	N7	R7	—
----------	----	----	----	----	-----	----	----	----	----	----	----	----	---

LC2D80004...D115004

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	110	125	220	250	440
-------	----	----	----	----	----	----	-----	-----	-----	-----	-----

LC2DT20...DT40, LC1DT60...DT80 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

U 0.7...1.25 U _c	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
-----------------------------	----	----	----	----	----	----	----	----	----	----	----

Low consumption

Volts ---	5	12	20	24	48	110	220	250
-----------	---	----	----	----	----	-----	-----	-----

LC2DT20...DT40 (coils with integral suppression device fitted as standard, by bi-directional peak limiting diode)

U 0.8...1.25 U _c	AL	JL	ZL	BL	EL	FL	ML	UL
-----------------------------	----	----	----	----	----	----	----	----

For other voltages between 5 and 690 V, see pages B8/19 to B8/19.

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

⁽²⁾ Clip-on mounting on 35 mm 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).



TeSys Control

Deca green Reversing contactors

Product references



LC2D09...



LC2D40...

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

3-pole reversing contactors - Motors up to 37 kW / 400 V in category AC-3

Pre-wired power connections

Standard power ratings of 3-phase motors 50-60 Hz in category AC-3 ($\theta \leq 60^\circ\text{C}$)						Rated operational current in AC-3 440 V up to	Instantaneous auxiliary contacts per contactor	Contactors supplied with coil Partial reference, to be completed by adding the control voltage code ⁽¹⁾	Weight
220 V	380 V	415 V	440 V	500 V	660 V			Fixing ⁽²⁾	
230 V	400 V				690 V				

kW	kW	kW	kW	kW	kW	A				kg
With mechanical interlock, without electrical interlocking, for connection by screw clamp terminals or Everlink BTR screw connectors ^{(3) (4)}										
2.2	4	4	4	5.5	5.5	9	1	1	LC2D09...	0.783
3	5.5	5.5	5.5	7.5	7.5	12	1	1	LC2D12...	0.793
4	7.5	9	9	10	10	18	1	1	LC2D18...	0.803
5.5	11	11	11	15	15	25	1	1	LC2D25...	0.913
7.5	15	15	15	18.5	18.5	32	1	1	LC2D32...	0.923
9	18.5	18.5	18.5	18.5	18.5	38	1	1	LC2D38...	0.933
11	18.5	22	22	22	30	40	1	1	LC2D40A... ⁽³⁾	2.154
15	22	25	30	30	33	50	1	1	LC2D50A... ⁽³⁾	2.164
18.5	30	37	37	37	37	65	1	1	LC2D65A... ⁽³⁾	2.174
22	37	37	37	37	37	66	1	1	LC2D80A... ⁽³⁾	2.174

Auxiliary contact blocks and add-on modules

See pages B8/36 to B8/42.

Coil voltage codes

AC/DC 24 V DC supply

Volts	24 (DC only)	24-60	48-130	100-250
LC2D09...D32, LC2D40A ... D80A				
U 0.85...1.1 Uc		BNE	EHE	KUE
LC2D09...D38				
U 0.8...1.2 Uc	BNE			
LC2D40A ...D80A				
U 0.8...1.2 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) LC2D09 to D80A: clip-on mounting on 35 mm 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).
- (4) Electrical interlocking is recommended when 2 orders (direct and reverse) could appeared in the same time.

TeSys Control

Deca Contactors for switching capacitors banks

Product references



LC1DGK●●, LC1DLK●●, LC1DMK●●



LC1DWK12●●



Contactors

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

Special contactors **LC1D●K** are designed for switching 3-phase, single or multiple-step capacitor banks (up to 6 steps). Over 6 steps, it is recommended 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 In 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 gI type fuses rated at 1.7...2 In.

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:

Prospective peak current at switch-on	LC1D●K	200 In
Maximum operating rate	LC1DFK, DGK, DLK, DMK	240 operating cycles/hour
	LC1DPK, DTK, DWK	240 operating cycles/hour
Electrical durability at nominal load	All contactor ratings	400 V 300 000 operating cycles 690 V 200 000 operating cycles

Operational power at 50/60 Hz ⁽¹⁾ $\theta \leq 60^\circ\text{C}$ ⁽²⁾				Instantaneous auxiliary contacts		Tightening torque on cable end	Basic reference, to be completed by adding the voltage code ^{(3) (4)}	Weight
230 V	400 V	440 V	690 V	N/O	N/C	N.m		kg
kVAR	kVAR	kVAR	kVAR					
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	LC1DMK●●	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	LC1DWK12●●	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.

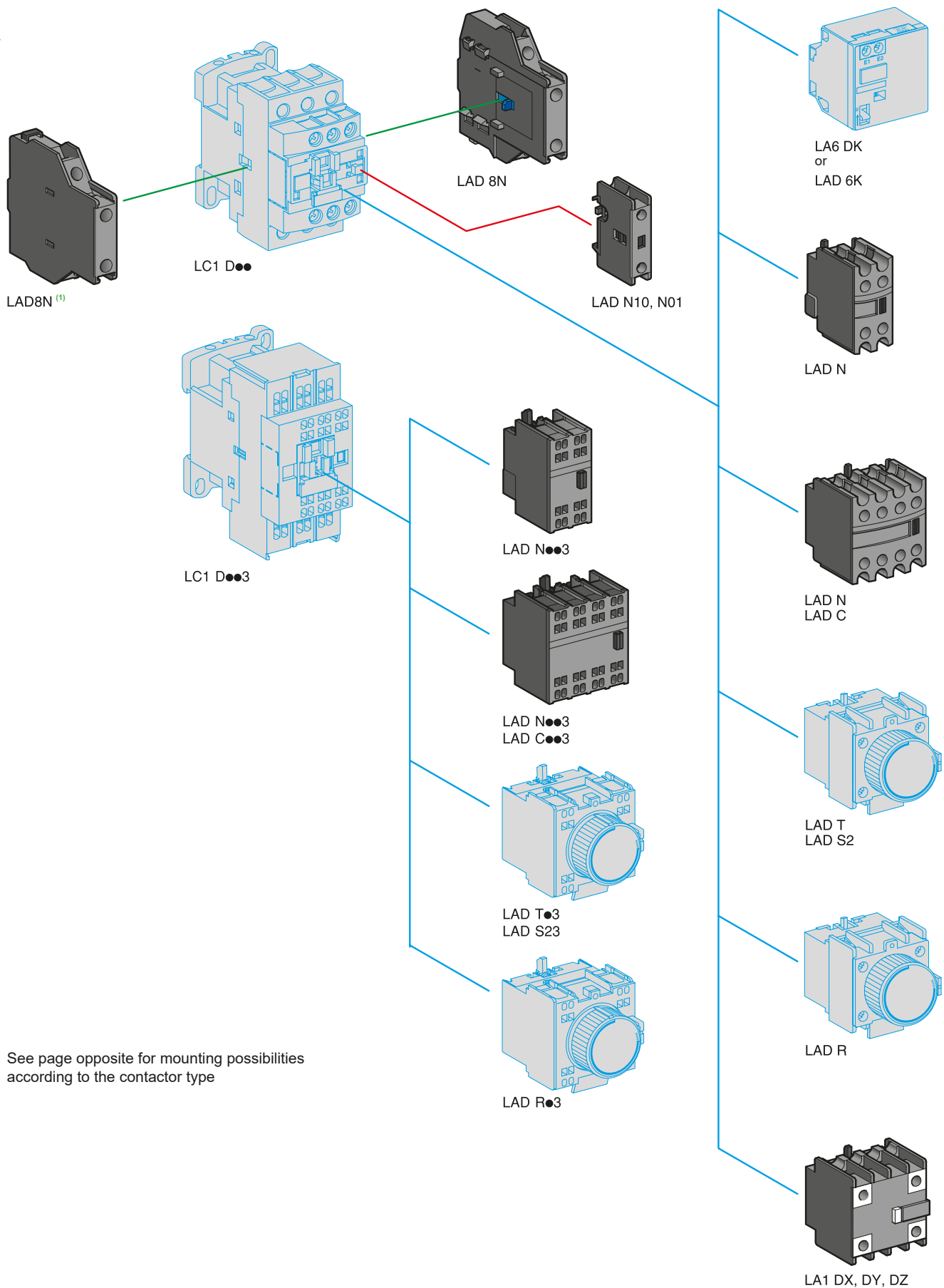
⁽²⁾ The average temperature over a 24-hour period, in accordance with standards IEC 60070 and 60831 is 45 °C.

⁽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.





See page opposite for mounting possibilities according to the contactor type

(1) No left side mounting on Deca green contactors.

TeSys Control

Deca Contactors - Auxilliary contact blocks

Product references



LADN22



LAD8N11



LA1DX20, LA1DZ20

Instantaneous auxiliary contact blocks for connection by screw clamp terminals

For use in normal operating environments

Clip-on mounting	Number of contacts per block	Composition	Reference
		    	
Front	1	— — — 1 —	LADN10
		— — — — 1	LADN01
	2	— — — 1 1	LADN11
		— — — 2 —	LADN20
		— — — — 2	LADN02
	4	— — — 2 2	LADN22 LADN22S ⁽¹⁾
		— — — 1 3	LADN13
		— — — — 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 AC coil contactors only)		— — — 2 —	LAD8N20
		— — — — 2	LAD8N02

For terminal referencing conforming to EN 50012

Front on 3P contactors and 4P contactors 20 to 80 A	2	— — — 1 1	LADN11G
Front on 4P contactors 125 to 200 A	4	— — — 2 2	LADN22G
Front on 4P contactors 125 to 200 A	2	— — — 1 1	LADN11P
	4	— — — 2 2	LADN22P

With dust and damp protected contacts, for use in particularly harsh industrial environments

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 LADN113.

Maximum number of auxiliary contacts that can be fitted:

Contactors			Instantaneous auxiliary contacts				Time delay Front mounted
Type	Number of poles and size		Side mounted	Front mounted			
				1 contact	2 contacts	4 contacts	
AC	3P	LC1D09...D38	1 on LH or 1 on RH side ⁽³⁾ and	—	1	or 1	or 1
AC/DC		LC1D40A...D80A	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	LC1DT20...DT40	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	LC1D09...D38	—	—	1	or 1	or 1
		LC1D40A...D80A	—	—	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	LC1DT20...DT40	—	—	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	LC1D09...D38	—	—	1	—	—
	4P	LC1DT20...DT40	—	—	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.

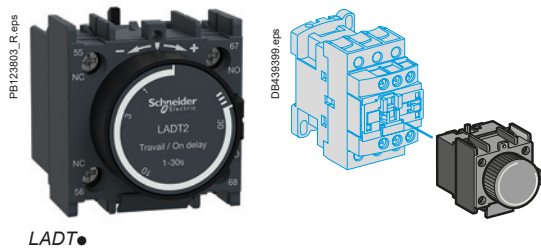
(4) LC: low consumption.

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

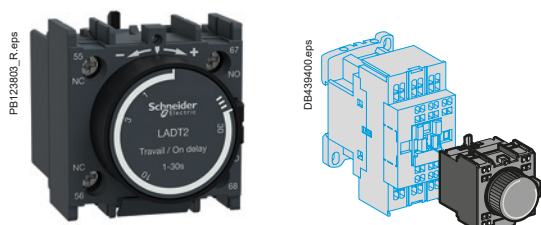
TeSys Control

Deca Contactors - Time delay auxiliary contact blocks

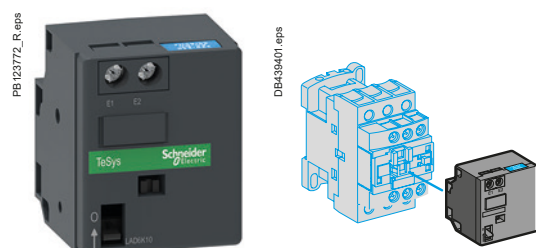
Product references



LADT●



LADT●3



LAD6K10●

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 $\pm$ 15 ms between opening of the N/C contact and closing of the N/O contact.

Clip-on mounting	Number of contacts	Time delay		Reference
		Type	Setting range	
Front	1 N/O + 1 N/C	On-delay	0.3...3 s	LADT0
			1...30 s	LADT2
			10...180 s	LADT4
			1...30 s	LADS2
		Off-delay	0.3...3 s	LADR0
			1...30 s	LADR2
			10...180 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: LADT0 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: LADT0 becomes LADT09.

Mechanical latch blocks ⁽¹⁾

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	LC1D09...D38 ($\sim$ or ---) ⁽⁴⁾	LAD6K10●
		LC1DT20...DT40 ($\sim$ or ---)	
		LC1D40A...D80A (3 P $\sim$ or ---)	LAD6K10●
		LC1DT60A and DT80A (4 P $\sim$ or ---)	
		LC1D80...D150 (3 P $\sim$)	LA6DK20●
		LC1D80 and D150 (3 P ---)	
		LC1D80 (4 P $\sim$)	
		LC1D80 and D115 (4 P $\sim$)	
		LP1D80 and LC1D115 (4 P ---)	
		LC1D40 and D65 (4 P $\sim$)	LA6DK10●
		LP1D40 and D65 (4 P ---)	

⁽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	B	C	E	EN	K	F	M	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.

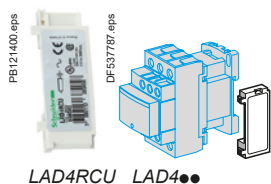
⁽⁴⁾ The DC, low consumption contactors (coil code ●L) are not compatible with the mechanical latch blocks LAD6K10●.



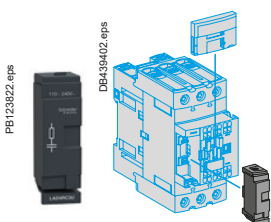
TeSys Control

Deca Contactors - Suppressor modules

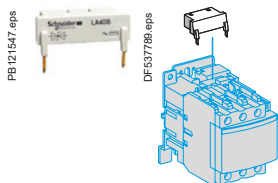
Product references



LAD4RCU LAD4●●

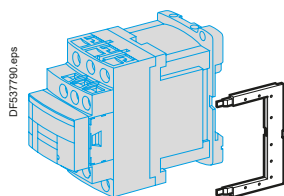


LAD4RC3●, LAD4V3●,
LAD4D3U, LAD4T3●



LA4DC3U

Contactors



LAD4DDL or LAD4T●DL



LAD4DDL

RC circuits (Resistor-Capacitor)

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⁾ Rating	Type		Reference
		V ~	V ---	
Clip-on side mounting ^{(2) (3)}	D09...D38 (3P) DT20...DT40	24...48	—	LAD4RCE
		50...127	—	LAD4RCG
		110...250	—	LAD4RCU
Clip-on front mounting ^{(2) (3)}	D40A...D65A (3P) DT60A...DT80A (4P)	24...48	—	LAD4RC3E
		50...127	—	LAD4RC3G
		110...240	—	LAD4RC3U
		380...415	—	LAD4RC3N
Screw fixing ⁽⁴⁾	D80...D150 (3P) D40...D115 (4P)	24...48	—	LA4DA2E
		50...127	—	LA4DA2G
		110...240	—	LA4DA2U
		380...415	—	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)}	D09...D38 (3P) DT20...DT40	24...48	—	LAD4VE
		50...127	—	LAD4VG
		110...250	—	LAD4VU
Clip-on front mounting ^{(2) (3)}	D40A...D65A (3P) DT60A...DT80A (4P)	24...48	24...48	LAD4V3E
		50...127	50...127	LAD4V3G
		110...250	110...250	LAD4V3U
Screw fixing ⁽⁴⁾	D80...D115 (3P) D80...D115 (4P)	24...48	—	LA4DE2E
		50...127	—	LA4DE2G
		110...250	—	LA4DE2U
	D80...D95 (3P) D80 (4P)	—	24...48	LA4DE3E
		—	110...250	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)}	D09...D38 (3P), DT20...DT40	—	5...600	LAD4DDL
Clip-on front mounting ⁽³⁾	D40A...D65A (3P), DT60A...DT80A (4P)	—	24...250	LAD4D3U
Screw fixing ⁽⁴⁾	D80 and D95 (3P), D40...D80 (4P)	—	24...250	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⁾	D09...D38 (3P) DT20...DT40 (4P) ⁽⁶⁾	24	—	LAD4TB
		—	24	LAD4TBDL
		72	—	LAD4TS
		—	72	LAD4TSDL
		—	125	LAD4TGD
Clip-on front mounting ⁽²⁾	D40A...D65A (3P) DT60A...DT80A (4P) ⁽⁶⁾	—	250	LAD4TUDL
		12...24	12...24	LAD4T3B
		25...72	25...72	LAD4T3S
		73...125	73...125	LAD4T3G
		126...250	126...250	LAD4T3U
Screw fixing ⁽⁴⁾		251...440	251...440	LAD4T3R
		—	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.

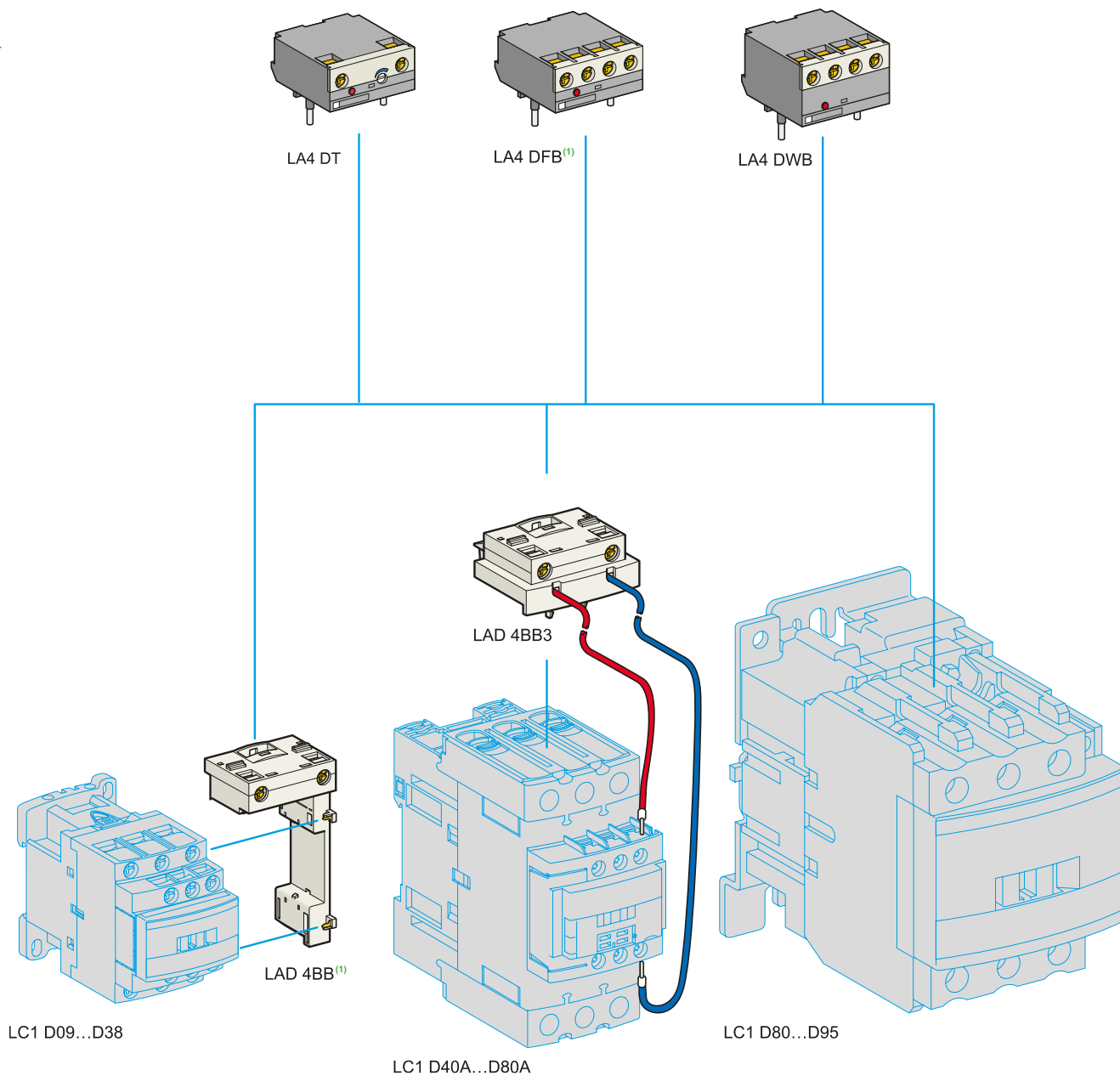
(2) Clipping-on makes the electrical connection. The overall size of the contactor remains unchanged.

(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).



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

⁽¹⁾ For Deca contactor with AC coil only.

TeSys Control

Deca Contactors - Accessories

Product references



LA4DT00



LA4DFB



LA4DBL



LAD4BBVU

Contactors

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 ~		Time delay	Reference
24...250 V	100...250 V		
LC1D09...D80A (3P)	LC1D80...D150 (3P)	0.1...2 s	LA4DT0U
		1.5...30 s	LA4DT2U
		25...500 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 ~		Supply voltage E1-E2 (---)	Reference
24...250 V			
LC1D09...D150 (3P)		24 V	LA4DFB

Static relay interface

Operational voltage ~		Supply voltage E1-E2 (---)	Reference
24...250 V	100...250 V		
LC1D09...D80A (3P)	LC1D80...D115 (3P)	24 V	LA4DWB

Adapter kit for low control signal

For use on contactors	Composition	Reference
LC1D40A...D80A (3P) ⁽²⁾	■ 1 LAD4BB3 coil wiring adapter ■ 1 LA4DFB relay interface module	LA4DBL

Wiring adapters for coil retrofit of 3 pole contactors

For adapting existing wiring to a new product

For use on contactors		Reference
LC1D09...D38	Without coil suppression	LAD4BB ⁽³⁾
	With coil suppression	~ 24...48 V LAD4BBVE
		~ 50...127 V LAD4BBVG
		~ 110...250 V LAD4BBVU
LC1D40A...80A		Without coil suppression 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.

TeSys Control

Deca Contactors - Accessories

Product references



LA9D3260



LA9D11560●



LA9D115503



LAD96570



LA9D11570●



LA9D80962



LA9D11567

Accessories for main pole and control connections

Description		For use with contactors LC1		Sold in lots of	Unit reference
		~	---		
Connectors for cable, size (1 connector)	4-pole 10 mm ²	DT20, DT25	DT20, DT25	1	LA9D2560
	3-pole 25 mm ²	D09...D38	D09...D38	1	LA9D3260
EverLink® terminal block	3-pole	D40A...D80A	D40A...D80A	1	LAD96560
Connectors for cables (2 connectors)	3-pole 120 mm ²	D115, D150	D115, D150	1	LA9D115603
	4-pole 120 mm ²	D115	D115	1	LA9D115604
Connectors for lug type terminals (2 connectors)	3-pole	D1156, D1506	D1156, D1506	1	LA9D115503
	3-pole	D40A6...D80A6	D40A6...D80A6	1	LAD96570
Protective covers for connectors for lug type terminals	4-pole	D1156, D1506	D1156, D1506	1	LA9D115703 ⁽¹⁾
		D60A6...D80A6	D60A6...D80A6	1	LAD96580
	3 poles	D1156, D1506	D1156, D1506	1	LA9D115704
		D40A6...D80A6	D40A6...D80A6	1	LAD96575
Links for parallel connection of	2 poles	D09...D38	D09...D38	10	LA9D2561
		DT32, DT40 (4P)	DT32, DT40 (4P)	10	LAD96061
		D40A...D80A	D40A...D80A	1	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	1	LA9D80962
		D80	D80	2	LA9D80963
Staggered coil connection	–	D80	D80	10	LA9D09966
Control circuit take-off from main pole	D80, D95	D80, D95	D80, D95	10	LA9D8067
	D115, D150	D115, D150	D115, D150	10	LA9D11567
Spreaders for increasing the pole pitch to 45 mm	D115, D150	D115, D150	D115, D150	3	GV7AC03

(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.



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



> Click on QR code to download



GV2G245



GV1G09

GV3S



LAD9ET1



LAD9ET1S



LAD21...22



LAD90



LAD7X3

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 for parallelling of contactors	2 contactors LC1D09...D18 or D25...D38	GV2G245
	4 contactors LC1D09...D18 or D25...D38	GV2G445
Set of 115 A busbars for parallelling of contactors	2 contactors LC1D40A...D80A	GV3G264
	3 contactors LC1D40A...D80A	GV3G364 ⁽¹⁾
Set of S-shape busbars	For circuit breakers GV3P... and GV3L... ⁽³⁾ and contactors LC1D40A...D73A	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	LC1D09...D80A and DT20...DT80A	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) LC1D80...D115, 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, LC1D80...D115, LA6DK	100	LA9D92
Marker holder snap-in, 8 x 18 mm	LC1D09...D65A, LC1DT20...DT80A, LADN (4 contacts), LADT, LADR	100	LAD90
Bag of 300 blank legends self-adhesive, 7 x 21 mm	On holder LA9D92	1	LA9D93

Mounting accessories

Retrofit plate for screw fixing	For replacement of LC1D40 to D80 with LC1D40A to D80A	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® 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.

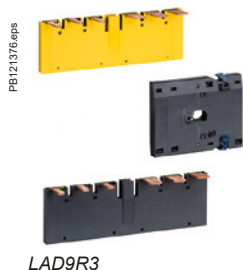
⁽²⁾ These legends are for sticking onto the safety cover of the contactors or add-on block, if fitted.

⁽³⁾ With 73 A current limit for GV3L73, GV3P73.

TeSys Control

Deca Contactors - Assembly kits

Product references



For 3-pole reversing contactors for motor control

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

Description	For contactors ⁽¹⁾ (2 identical contactors)	Reference
Kits for assembly of reversing contactors		
Kit comprising: ■ a mechanical interlock LAD9V2 with electrical interlocking LAD9V1 ■ a set of power connections LAD9V5 (parallel) and LAD9V6 (reversing).	LC1D09 to D38	LAD9R1V
Kit comprising: ■ a mechanical interlock LAD9V2 without electrical interlocking ■ a set of power connections LAD9V5 (parallel) and LAD9V6 (reversing).	LC1D09 to D38	LAD9R1
Kit comprising: ■ a mechanical interlock LAD4CM ■ a set of power connections LA9D65A69 .	LC1D40A to D80A	LAD9R3

Mechanical interlocks

Mechanical interlock with integral electrical interlocking	LC1D80 and D95 (∼)	LA9D4002
	LC1D80 and D95 (---)	LA9D8002
	LC1D115 and D150	LA9D11502
Mechanical interlock without integral electrical interlocking	LC1D09 to D38	LAD9V2
	LC1D40A to D80A	LAD4CM
	LC1D80 and D95 (∼)	LA9D50978
	LC1D80 and D95 (---)	LA9D80978

Sets of power connections

Comprising: ■ a set of parallel bars ■ a set of reverser bars.	LC1D09 to D38 with screw clamp terminals or connectors	LAD9V5 + LAD9V6
	LC1D09...D32 with spring terminal connections	LAD9V12 + LAD9V13 ⁽²⁾
	LC1D40A to D80A	LA9D65A69
	LC1D80 and D95 (∼)	LA9D8069
	LC1D80 and D95 (---)	LA9D8069
	LC1D115 and D150	LA9D11569

For star-delta starter

Description	For contactors	Reference	Without timer LADS2
Mounting kit comprising: ■ 1 time delay contact block LADS2 (LC1D09...D80) , ■ power circuit connections (LC1D09...D80), ■ hardware required for fixing the contactors onto the mounting plate (LC1D80).	LC1D09 to D38 ⁽³⁾	LAD91217	LAD91218
	LC1D25 to D38 ⁽⁴⁾	LAD93217	LAD93218
	LC1D40A to D80A	LAD9SD3	—
	LC1D80	LA9D8017	—
Equipment mounting plates	LC1D09 to D38	LA9D12974	
	LC1D40A to D80A	—	
	LC1D80	LA9D80973	

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

⁽²⁾ To assemble a reversing contactor with spring terminal connections, the following components must be ordered:

- 1 mechanical interlock **LAD9V2**,

- 1 upstream power connection kit and 1 downstream power connection kit.

Upstream power connection kit **LAD9V10**: installed in the Quickfit system with power connection module **LAD341**.

(If module **LAD341** is not used, replace **LAD9V10** with **LAD9V12**).

Downstream power connection kit **LAD9V11**: installed in the Quickfit system with outgoing terminal block **LAD331**.

(If **LAD331** is not used, replace **LAD9V11** with **LAD9V13**).

⁽³⁾ For assembly of 3 contactors of the same physical size (depth).

⁽⁴⁾ For assembly of Main + Delta contactors **LC1D25** to **LC1D38** with Star contactor **LC1D09** to **LC1D18**.

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



> Click on QR code
to download



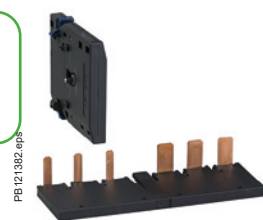
LADT9R1V



LA9D50978



LA9D8070



LAD9R3S

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

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

Description	For contactors ⁽¹⁾ (2 identical contactors)	Reference
-------------	---	-----------

Kits for assembly of changeover contactor pairs

Kit comprising: ■ a mechanical interlock LAD9V2 with electrical interlocking LAD9V1, ■ a set of power connections (changeover) LAD9V7.	LC1DT20 to DT40 with screw clamps or connectors	LADT9R1V
--	---	----------

Kit comprising: ■ a mechanical interlock LAD9V2 without electrical interlocking, ■ a set of power connections (changeover) LAD9V7.	LC1DT20 to DT40 with screw clamps or connectors	LADT9R1
--	---	---------

Mechanical interlocks

With integral electrical interlocking	LC1D80004	LA9D4002
	LP1D80004	LA9D8002
	LC1D115004	LA9D11502
Without integral electrical interlocking	LC1DT20 to DT40 with screw clamps or connectors	LAD9V2 ⁽²⁾
	LC1DT203 to DT403 with spring terminals	LAD9V2 ⁽²⁾
	LC1DT60A and DT80A	LAD4CM
	LC1D80004	LA9D50978
	LP1D80004	LA9D80978

Sets of power connections

Comprising a set of parallel bars	LC1D80004	LA9D8070
	LP1D80004	LA9D8070
	LC1D115004	LA9D11570
	LC1D80004	LA9D8070 ⁽²⁾
	LP1D80004	LA9D8070 ⁽²⁾

For 3-pole changeover contactor pairs

Contactors with screw clamp terminals or connectors. Horizontally mounted, assembled 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	LC1D40A...D80A	LAD9R3S
---	----------------	---------

Mechanical interlocks

Without integral electrical interlocking	LC1D40A...D80A	LAD4CM
With integral electrical interlocking	LC1D115 and D150	LA9D11502

Sets of power connections

Comprising a set of parallel bars	LC1D40A...D80A	LA9D65A6
	and D150	LA9D11571

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

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



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



> Click on QR code to download



a.c coils for ~ contactors LC1D09...D38 and LC1DT20...DT40

Specifications

Average consumption at 20 °C:

■ inrush ($\cos \phi = 0.75$) 70 VA,

■ sealed ($\cos \phi = 0.3$) 50 Hz: 7 VA, 60 Hz: 7.5 VA.

Operating range ($\theta \leq 60$ °C): 50 Hz: 0.8...1.1 Uc, 60 Hz: 0.85...1.1 Uc.

Control circuit voltage Uc	Average resistance at 20 °C ± 10 %	Inductance of closed circuit	Reference ⁽¹⁾
V	Ω	H	
			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

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

⁽²⁾ 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 durability of the contactor (see pages B8/82 and B8/84).



LXD3●●

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

Specifications

Average consumption at 20 °C:

■ inrush ($\cos \phi = 0.75$) 160 VA,

■ sealed ($\cos \phi = 0.3$) 50 Hz: 15 VA, 60 Hz: 15 VA.

Operating range ($\theta \leq 60$ °C): 50 Hz: 0.8...1.1 Uc, 60 Hz: 0.85...1.1 Uc.

Control circuit voltage Uc	Average resistance at 20 °C $\pm 10\%$	Inductance of closed circuit	Reference ⁽¹⁾
V	Ω	H	
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

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

⁽²⁾ This coil can only be used 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 page 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 durability of the contactor (see page B8/82 and B8/84).

PS121385.eps



LX1D6●●

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

Specifications

Average consumption at 20 °C:

■ inrush ($\cos \phi = 0.75$) 50 Hz: 200 VA, 60 Hz: 220 VA

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

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

Control circuit voltage Uc	Average resistance at 20 °C ± 10 %	Inductance of closed circuit	Reference ⁽¹⁾	Average resistance at 20 °C ± 10 %	Inductance of closed circuit	Reference ⁽¹⁾
V	Ω	H		Ω	H	
			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 ($\cos \phi = 0.75$) 50/60 Hz: 245 VA at 50 Hz

■ sealed ($\cos \phi = 0.3$) 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
220/230 ⁽²⁾	—	—	—	102	6.7	LX1D6M7
230	—	—	—	115	7.7	LX1D6P7
230/240 ⁽³⁾	—	—	—	131	8.3	LX1D6U7
380/400 ⁽⁴⁾	—	—	—	310	20	LX1D6Q7
400	—	—	—	349	23	LX1D6V7
415	—	—	—	390	24	LX1D6N7
440	—	—	—	410	27	LX1D6R7

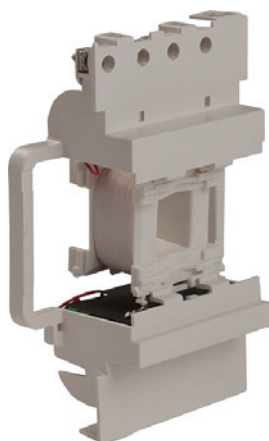
⁽¹⁾ The last 2 digits in the reference represent the voltage code.

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

PE 121386 eps



LX1D8●●

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

Control circuit voltage Uc	Average resistance at 20 °C ± 10 %	Inductance of closed circuit	Reference (1)	Average resistance at 20 °C ± 10 %	Inductance of closed circuit	Reference (1)
V	Ω	H		Ω	H	
			50 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 ($\theta \leq 55$ °C): 0.8...1.15 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)	Average resistance at 20 °C ± 10 %	Inductance of closed circuit	Reference (1)
V	Ω	H		Ω	H	
			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
V	Ω	H		kg
12	6.6	0.46	LX4D7JD	0.680
24	27	1.89	LX4D7BD	0.680

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



LX4D7JD

PB121387_4eps



LX4D8●D

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	H		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.

TeSys Control

Modular Contactors

Product references



GC2520



GC4040



GC10020

Modular Contactors - 17.5 mm pitch for modular panels									
No. of poles		Number of 17.5 mm modules	Commercial reference 50 Hz coil - different voltages					Sold in lots of	
			12 V	24 V	48 V	110 V	220/240 V		
Maximum current rating category AC-7a - 16 A									
1	—	1	—	—	GC1610E5	—	GC1610M5 ★	12	
1	1	1	—	GC1611B5	—	GC1611F5	GC1611M5 ★	12	
2	—	1	—	GC1620B5	—	GC1620F5 ★	GC1620M5 ★	12	
2	2	2	—	—	—	GC1622F5 ★	GC1622M5	6	
3	—	2	—	—	—	—	GC1630M5 ★	6	
4	—	2	—	—	—	GC1640F5	GC1640M5 ★	6	
Maximum current rating category AC-7a - 25 A									
—	2	1	—	GC2502B5	GC2502E5	★	GC2502M5 ★	12	
—	4	2	—	GC2504B5	GC2504E5	★	GC2504M5 ★	6	
1	—	1	—	GC2510B5	—	—	GC2510M5 ★	12	
1	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	
4	—	2	—	—	GC2540E5	GC2540F5 ★	GC2540M5 ★	6	
Maximum current rating category AC-7a - 40 A									
—	2	2	—	—	—	—	GC4002M5 ★	6	
—	4	3	—	—	—	—	GC4004M5	4	
1	1	2	—	—	—	—	GC4011M5 ★	6	
2	—	2	—	—	—	GC4020F5 ★	GC4020M5 ★	6	
2	2	3	—	—	—	—	GC4022M5	4	
3	—	3	—	—	—	—	GC4030M5 ★	4	
4	—	3	—	—	—	—	GC4040M5 ★	4	
Maximum current rating category AC-7a - 63 A									
—	2	2	—	—	—	—	GC6302M5	6	
—	4	3	—	GC6304B5	—	—	GC6304M5	4	
2	—	2	—	—	—	—	GC6320M5	6	
3	—	3	—	—	—	—	GC6330M5 ★	4	
4	—	3	—	GC6340B5	GC6340E5	—	GC6340M5 ★	4	
Maximum current rating category AC-7a - 100 A									
2	—	3	—	—	—	—	GC10020M5	4	
4	—	6	—	GC10040B5	—	—	GC10040M5 ★	2	

★ for 60 Hz coil replace last figure 5 by 6.



Contactors

Product references



GY2520M5



GY6340M5



Contractors

Modular "dual tariff" contactors - 17.5 mm pitch for modular panels								
No. of poles		Number of 17.5 mm modules	Commercial reference 50 Hz coil - different voltages					Sold in lots of
			12 V	24 V	48 V	110 V	220/240 V	
Maximum current rating category AC-7a - 16 A								
2	—	1	—	GY1620B5	—	—	GY1620M5	12
4	—	2	—	—	—	—	GY1640M5	6
Maximum current rating category AC-7a - 25 A								
2	—	1	—	—	—	—	GY2520M5 ★	12
4	—	2	—	—	—	—	GY2540M5	6
Maximum current rating category AC-7a - 40 A								
2	—	2	—	—	—	—	GY4020M5	6
4	—	3	—	—	—	—	GY4040M5	4
Maximum current rating category AC-7a - 63 A								
2	—	2	—	—	—	—	GY6320M5	6
4	—	3	—	GY6340B5	—	—	GY6340M5	4

★ for 60 Hz coil replace last figure 5 by 6.

TeSys Control

Modular Impulse relays

Product references

DD439291.eps



GF1620B7

Modular impulse relays - 17.5 mm pitch for modular panels						
Maximum current rating category AC-1	Composition		Coil voltages		Sold in lots of	Unit reference
			~ 50/60 Hz			
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



Contactors

TeSys Control

Modular Contactors - Accessories

Product references



Instantaneous auxiliary contact blocks				
Number of contacts	Number of poles			Reference
2				
	1	1	–	GAC0521
	–	2	–	GAC0531
	–	–	1	GAC0511

Accessories					
Description	For use on contactor	Number of modules	Operational voltage in V	Sold in lots of	Unit reference
Coil suppression blocks comprising 2 RC circuits	–	1	12...48	1	GAP21
			110...240	1	GAP23
Ventilation 1/2 module clips onto rail	–	1/2	–	10	GAC5
Set of screw shields (10 top parts + 10 bottom parts)	40 or 63 A 2 contacts	2	–	1	A9A15922
	40 or 63 A 3 or 4 contacts	3	–	1	A9A15923

TeSys Control

Contactors

Product references

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	LAD9R3S	LADR46
GC4002M5	LA1KN31	LA9D115604	LAD4RCE	LAD9SD3	LADS2
GC4004M5	LA1KN313	LA9D11567	LAD4RCG	LAD9SD3S	LADS23
GC4011M5	LA1KN316	LA9D11569	LAD4RCU	LAD9V1	LADS26
GC4020F5	LA1KN317	LA9D115691	LAD4T3B	LAD9V10	LADT0
GC4020F6	LA1KN31M	LA9D115692	LAD4T3G	LAD9V11	LADT03
GC4020M5	LA1KN40	LA9D11570	LAD4T3R	LAD9V12	LADT06
GC4020M6	LA1KN403	LA9D115703	LAD4T3S	LAD9V13	LADT2
GC4022M5	LA1KN407	LA9D115704	LAD4T3U	LAD9V14	LADT23
GC4030M5	LA1SK01	LA9D11571	LAD4TB	LAD9V15	LADT26
GC4040M5	LA1SK02	LA9D1263	LAD4TBDL	LAD9V16	LADT4
GC4040M6	LA1SK11	LA9D1269	LAD4TGDL	LAD9V17	LADT46
GC6302M5	LA1SK20	LA9D12974	LAD4TS	LAD9V2	LADT9R1
GC6304B5	LA2KT2E	LA9D15017	LAD4TSDL	LAD9V5	LADT9R1V
GC6304M5	LA2KT2U	LA9D16906	LAD4TUDL	LAD9V6	LAZR90M
GC6320M5	LA4DA1E	LA9D1860	LAD4V3E	LAD9VP1	LAZR90Q
GC6330M5	LA4DA1G	LA9D1869	LAD4V3G	LAD9VP2	LAZR91F
GC6330M6	LA4DA1U	LA9D2561	LAD4V3U	LAD9VP3	LC1D066BD
GC6340B5	LA4DA2E	LA9D2569	LAD4VE	LAD9VP4	LC1D066F7
GC6340M5	LA4DA2G	LA9D3260	LAD4VG	LADALLEN4	LC1D066M7
GF1611B7	LA4DA2N	LA9D3269	LAD4VU	LADC22	LC1D06P7

This document is current.  Click on the product reference to get the most recent availability status (hyperlink to [se.com](https://www.se.com) product datasheet). If your product variant is no longer available, please consult your distributor or regional sales office.

TeSys Control

Contactors

Product references

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
LC1D093FD	LC1D09KUE	LC1D115F5	LC1D128P7	LC1D150FE7	LC1D18E5
LC1D093FE7	LC1D09L7	LC1D115F6	LC1D128RD	LC1D150G7	LC1D18E7
LC1D093FL	LC1D09LE7	LC1D115F7	LC1D128T7	LC1D150GD	LC1D18ED
LC1D093G7	LC1D09M7	LC1D115FD	LC1D128U7	LC1D150K7	LC1D18EHE
LC1D093GD	LC1D09MD	LC1D115FE7	LC1D129SD	LC1D150LE7	LC1D18EL
LC1D093M7	LC1D09N7	LC1D115G6	LC1D12B5	LC1D150M7	LC1D18F7
LC1D093MD	LC1D09ND	LC1D115G7	LC1D12B7	LC1D150MD	LC1D18FC7
LC1D093N7	LC1D09P5	LC1D115GD	LC1D12BD	LC1D150N7	LC1D18FD
LC1D093ND	LC1D09P7	LC1D115K7	LC1D12BL	LC1D150P7	LC1D18FE7
LC1D093P7	LC1D09Q7	LC1D115L7	LC1D12BNE	LC1D150Q7	LC1D18FL
LC1D093U7	LC1D09R7	LC1D115LE7	LC1D12C7	LC1D150R7	LC1D18G7
LC1D096B7	LC1D09RD	LC1D115M5	LC1D12CD	LC1D150SD	LC1D18GD
LC1D096BD	LC1D09SD	LC1D115M7	LC1D12D5	LC1D150T7	LC1D18J7
LC1D096BL	LC1D09T7	LC1D115MD	LC1D12D7	LC1D150U7	LC1D18JD
LC1D096CD	LC1D09U7	LC1D115N7	LC1D12E5	LC1D150V7	LC1D18JL
LC1D096F7	LC1D09UD	LC1D115P5	LC1D12E7	LC1D17000F7CS003	LC1D18K7
LC1D096FD	LC1D09V7	LC1D115P7	LC1D12ED	LC1D17000M7CS003	LC1D18KUE
LC1D096FL	LC1D09W7	LC1D115Q7	LC1D12EHE	LC1D183B7	LC1D18L7
LC1D096G7	LC1D09X7	LC1D115R7	LC1D12EL	LC1D183BD	LC1D18LE7
LC1D096KD	LC1D09Y7	LC1D115RD	LC1D12F7	LC1D183BL	LC1D18M7
LC1D096L7	LC1D1150046BD	LC1D115S7	LC1D12FD	LC1D183E7	LC1D18MD
LC1D096M7	LC1D1150046F7	LC1D115SD	LC1D12FE7	LC1D183ED	LC1D18ML
LC1D096MD	LC1D1150046M5	LC1D115T6	LC1D12G7	LC1D183F7	LC1D18N7
LC1D096ND	LC1D1150046M7	LC1D115T7	LC1D12GD	LC1D183FE7	LC1D18ND
LC1D096P7	LC1D1150046N5	LC1D115U5	LC1D12JD	LC1D183FL	LC1D18P5
LC1D096Q7	LC1D1150046P7	LC1D115U7	LC1D12JL	LC1D183G7	LC1D18P7
LC1D096R7	LC1D1150046U5	LC1D115V7	LC1D12K7	LC1D183M7	LC1D18Q7
LC1D096SD	LC1D1150046U7	LC1D123B7	LC1D12KUE	LC1D183MD	LC1D18R7
LC1D096SL	LC1D115004B7	LC1D123BD	LC1D12L7	LC1D183P7	LC1D18SC7
LC1D0986FD	LC1D115004BD	LC1D123BL	LC1D12LE7	LC1D183U7	LC1D18SD
LC1D098B7	LC1D115004ED	LC1D123E7	LC1D12M7	LC1D186B7	LC1D18T7
LC1D098BD	LC1D115004F7	LC1D123ED	LC1D12MD	LC1D186BD	LC1D18U7
LC1D098BL	LC1D115004FD	LC1D123F7	LC1D12N7	LC1D186BL	LC1D18V7
LC1D098CD	LC1D115004FE7	LC1D123FD	LC1D12ND	LC1D186BLJP	LC1D253B7
LC1D098E7	LC1D115004G6	LC1D123G7	LC1D12P5	LC1D186E7	LC1D253BD
LC1D098ED	LC1D115004M5	LC1D123M7	LC1D12P7	LC1D186EL	LC1D253BL
LC1D098F7	LC1D115004M7	LC1D123P7	LC1D12Q7	LC1D186F7	LC1D253E7
LC1D098FD	LC1D115004MD	LC1D123V7	LC1D12R7	LC1D186FD	LC1D253F7
LC1D098G7	LC1D115004P5	LC1D126B7	LC1D12RD	LC1D186G7	LC1D253FD
LC1D098JD	LC1D115004P7	LC1D126BD	LC1D12SD	LC1D186K7	LC1D253M7
LC1D098M7	LC1D115004Q5	LC1D126BL	LC1D12T7	LC1D186L7	LC1D253MD
LC1D098MD	LC1D115004RD	LC1D126ED	LC1D12U7	LC1D186M7	LC1D253P7
LC1D098P7	LC1D115004U7	LC1D126F7	LC1D12V7	LC1D186ND	LC1D253R7
LC1D098U7	LC1D115004V7	LC1D126FD	LC1D12X7	LC1D186P7	LC1D253V7
LC1D099F7	LC1D115006F7C	LC1D126FL	LC1D12Y7	LC1D186R7	LC1D256B7
LC1D099G7	LC1D11500F7CS003	LC1D126G7	LC1D12Z7	LC1D186SD	LC1D256BD
LC1D09B5	LC1D11500M7CS003	LC1D126KD	LC1D15000F7CS003	LC1D186SL	LC1D256BL
LC1D09B7	LC1D1156B7	LC1D126L7	LC1D1500M7CS003	LC1D186U7	LC1D256F7
LC1D09BD	LC1D1156BD	LC1D126M7	LC1D1506B7	LC1D1883P7	LC1D256FD
LC1D09BL	LC1D1156E7	LC1D126SD	LC1D1506BD	LC1D188B7	LC1D256G7
LC1D09BNE	LC1D1156F5	LC1D1283V7	LC1D1506E7	LC1D188BD	LC1D256K7
LC1D09C7	LC1D1156F7	LC1D1286FD	LC1D1506F7	LC1D188BL	LC1D256KD
LC1D09CD	LC1D1156FD	LC1D1286G7	LC1D1506FD	LC1D188D7	LC1D256L7
LC1D09D5	LC1D1156FE7	LC1D1286L7	LC1D1506G7	LC1D188E7	LC1D256M7
LC1D09D7	LC1D1156G7	LC1D1286LE7	LC1D1506K7	LC1D188ED	LC1D256P7
LC1D09E5	LC1D1156L7	LC1D1286P7	LC1D1506LE7	LC1D188F7	LC1D256U7
LC1D09E7	LC1D1156LE7	LC1D1286U7	LC1D1506M7	LC1D188FD	LC1D2583P7
LC1D09ED	LC1D1156M5	LC1D128B7	LC1D1506MD	LC1D188G7	LC1D2586BD
LC1D09EE7	LC1D1156M7	LC1D128BD	LC1D1506N7	LC1D188M7	LC1D2586F7
LC1D09EHE	LC1D1156MD	LC1D128BL	LC1D1506P7	LC1D188MD	LC1D2586FD
LC1D09EL	LC1D1156N7	LC1D128CD	LC1D1506Q7	LC1D188P7	LC1D258B7
LC1D09F7	LC1D1156P7	LC1D128D7	LC1D1506R7	LC1D188U7	LC1D258BD
LC1D09FC7	LC1D1156R7	LC1D128E7	LC1D1506SD	LC1D18B5	LC1D258BL
LC1D09FD	LC1D1156SD	LC1D128ED	LC1D1506U7	LC1D18B7	LC1D258C7
LC1D09FE7	LC1D1156U7	LC1D128EL	LC1D150B7	LC1D18BD	LC1D258D7

Contactors

This document is current. Click on the product reference to get the most recent availability status (hyperlink to [se.com](#) product datasheet). If your product variant is no longer available, please consult your distributor or regional sales office.

TeSys Control

Contactors

Product references

LC1D258E7	LC1D326GD	LC1D38E7	LC1D40AD5	LC1D50ACD	LC1D65A3FE7
LC1D258ED	LC1D326K7	LC1D38ED	LC1D40AD7	LC1D50AD5	LC1D65A3P7
LC1D258F7	LC1D326KD	LC1D38EHE	LC1D40AE5	LC1D50AD7	LC1D65A6B7
LC1D258FD	LC1D326L7	LC1D38EL	LC1D40AE7	LC1D50AE5	LC1D65A6BBE
LC1D258FE7	LC1D326M7	LC1D38F7	LC1D40AEHE	LC1D50AE7	LC1D65A6BD
LC1D258G7	LC1D326P7	LC1D38FD	LC1D40AF7	LC1D50AEHE	LC1D65A6BNE
LC1D258GD	LC1D326R7	LC1D38FE7	LC1D40AFC7	LC1D50AF7	LC1D65A6ED
LC1D258M7	LC1D32B5	LC1D38FL	LC1D40AFE7	LC1D50AFC7	LC1D65A6EHE
LC1D258MD	LC1D32B7	LC1D38G7	LC1D40AG7	LC1D50AFD	LC1D65A6F7
LC1D258P7	LC1D32BD	LC1D38JD	LC1D40AGD	LC1D50AFE7	LC1D65A6FD
LC1D258SD	LC1D32BL	LC1D38JL	LC1D40AJD	LC1D50AG7	LC1D65A6G7
LC1D258U7	LC1D32BNE	LC1D38KUE	LC1D40AK7	LC1D50AGD	LC1D65A6K7
LC1D258V7	LC1D32C7	LC1D38M7	LC1D40AKUE	LC1D50AJ5	LC1D65A6KUE
LC1D25B5	LC1D32D5	LC1D38MD	LC1D40AL7	LC1D50AJD	LC1D65A6M7
LC1D25B7	LC1D32D7	LC1D38N7	LC1D40ALE7	LC1D50AK7	LC1D65A6MD
LC1D25BD	LC1D32E5	LC1D38P5	LC1D40AM7	LC1D50AKUE	LC1D65A6ND
LC1D25BL	LC1D32E7	LC1D38P7	LC1D40AN7	LC1D50AL7	LC1D65A6P7
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
LC1D25E5	LC1D32FD	LC1D40004E7	LC1D40AS7	LC1D50AP5	LC1D65AB6
LC1D25E7	LC1D32FE7	LC1D40004F7	LC1D40AT7	LC1D50AP7	LC1D65AB7
LC1D25ED	LC1D32FL	LC1D40004G6	LC1D40AU7	LC1D50AQ7	LC1D65ABBE
LC1D25EHE	LC1D32G7	LC1D40004M7	LC1D40AU7C	LC1D50AR7	LC1D65ABD
LC1D25EL	LC1D32GD	LC1D40004P7	LC1D40AV7	LC1D50ASD	LC1D65ABNE
LC1D25F7	LC1D32JD	LC1D40008B7	LC1D40AX7	LC1D50AT7	LC1D65ACD
LC1D25FC7	LC1D32JL	LC1D40008D7	LC1D40B7	LC1D50AU7	LC1D65AD5
LC1D25FD	LC1D32K7	LC1D40008E5	LC1D40BD	LC1D50AU7C	LC1D65AD7
LC1D25FE7	LC1D32KUE	LC1D40008E7	LC1D40D7C	LC1D50AV7	LC1D65AE5
LC1D25FL	LC1D32L7	LC1D40008F7	LC1D40E7	LC1D50AX7	LC1D65AE7
LC1D25G7	LC1D32LE7	LC1D40008G6	LC1D40ED	LC1D50B7	LC1D65AEHE
LC1D25GD	LC1D32M7	LC1D40008G7	LC1D40F7	LC1D50BD	LC1D65AF7
LC1D25JD	LC1D32MD	LC1D40008M5	LC1D40G6	LC1D50E7	LC1D65AFC7
LC1D25JL	LC1D32ML	LC1D40008M7	LC1D40G7M	LC1D50ED	LC1D65AFE7
LC1D25KUE	LC1D32N7	LC1D40008N7	LC1D40L6	LC1D50F7	LC1D65AG7
LC1D25L7	LC1D32ND	LC1D40008P7	LC1D40M7	LC1D50G6	LC1D65AJD
LC1D25LE7	LC1D32P5	LC1D40008U7	LC1D40P7	LC1D50G7	LC1D65AK7
LC1D25M7	LC1D32P7	LC1D406G7	LC1D40P7C	LC1D50L6	LC1D65AKUE
LC1D25MD	LC1D32Q7	LC1D40A3B7	LC1D40T6	LC1D50LE7	LC1D65AL7
LC1D25N7	LC1D32R7	LC1D40A3BD	LC1D40U7	LC1D50M7	LC1D65ALE7
LC1D25ND	LC1D32S7	LC1D40A3E7	LC1D40U7M	LC1D50N7	LC1D65AM7
LC1D25P5	LC1D32SD	LC1D40A3F7	LC1D475E7C	LC1D50P7	LC1D65AN7
LC1D25P7	LC1D32T7	LC1D40A3M7	LC1D506FW	LC1D50P7C	LC1D65AP5
LC1D25Q7	LC1D32U7	LC1D40A3MD	LC1D50A3BD	LC1D50T6	LC1D65AP7
LC1D25R7	LC1D32V7	LC1D40A3ND	LC1D50A3E7	LC1D50U7	LC1D65AQ7
LC1D25S7	LC1D32X7	LC1D40A3P7	LC1D50A3FD	LC1D50U7C	LC1D65AR7
LC1D25SC7	LC1D32Y7	LC1D40A6B7	LC1D50A3JD	LC1D65004F7	LC1D65ASD
LC1D25SD	LC1D383BL	LC1D40A6BBE	LC1D50A3M7	LC1D65004G6	LC1D65AT7
LC1D25T7	LC1D383E7	LC1D40A6BD	LC1D50A3P7	LC1D65004G7	LC1D65AU7
LC1D25U7	LC1D383P7	LC1D40A6BNE	LC1D50A3RD	LC1D65004P7	LC1D65AV7
LC1D25UD	LC1D386B7	LC1D40A6EHE	LC1D50A6B7	LC1D65008B7	LC1D65AX7
LC1D25V7	LC1D386BD	LC1D40A6FD	LC1D50A6BBE	LC1D65008D7	LC1D65B7
LC1D25X7	LC1D386BL	LC1D40A6G7	LC1D50A6BD	LC1D65008E7	LC1D65BD
LC1D323B7	LC1D386CD	LC1D40A6GD	LC1D50A6BNE	LC1D65008F7	LC1D65D7C
LC1D323BD	LC1D386F7	LC1D40A6KUE	LC1D50A6CD	LC1D65008FE7	LC1D65E7
LC1D323BL	LC1D386FD	LC1D40A6LE7	LC1D50A6ED	LC1D65008G6	LC1D65ED
LC1D323ED	LC1D386K7	LC1D40A6M7	LC1D50A6EHE	LC1D65008G7	LC1D65F7
LC1D323F7	LC1D386L7	LC1D40A6P7	LC1D50A6F7	LC1D65008L7	LC1D65FD
LC1D323FE7	LC1D386M7	LC1D40A6T7	LC1D50A6FD	LC1D65008M5	LC1D65G6
LC1D323FL	LC1D386MD	LC1D40A6U7	LC1D50A6KUE	LC1D65008M7	LC1D65L6
LC1D323M7	LC1D386SL	LC1D40A6UD	LC1D50A6M7	LC1D65008P7	LC1D65M7
LC1D323MD	LC1D38B5	LC1D40AB5	LC1D50A6P7	LC1D65008R7	LC1D65N7
LC1D323P7	LC1D38B7	LC1D40AB6	LC1D50A6SD	LC1D65008U7	LC1D65P7
LC1D326B7	LC1D38BD	LC1D40AB7	LC1D50AB5	LC1D65008V7	LC1D65T6
LC1D326BD	LC1D38BL	LC1D40ABBE	LC1D50AB6	LC1D65A3B7	LC1D65U7
LC1D326BL	LC1D38BNE	LC1D40ABD	LC1D50AB7	LC1D65A3BD	LC1D800046M7
LC1D326F7	LC1D38D5	LC1D40ABNE	LC1D50ABBE	LC1D65A3E7	LC1D800046P7
LC1D326FD	LC1D38D7	LC1D40AC7	LC1D50ABD	LC1D65A3F7	LC1D80004B7
LC1D326G7	LC1D38E5	LC1D40ACD	LC1D50ABNE	LC1D65A3FD	LC1D80004E7

This document is current.  Click on the product reference to get the most recent availability status (hyperlink to [se.com](https://www.se.com) product datasheet).
If your product variant is no longer available, please consult your distributor or regional sales office.

TeSys Control

Contactors

Product references

LC1D80004F5	LC1D80ED	LC1DFKU7	LC1DT25U7	LC1DT60AG7	LC1K0601M7
LC1D80004F7	LC1D80F5	LC1DFKV7	LC1DT323BD	LC1DT60AK7	LC1K0601N7
LC1D80004FE7	LC1D80F7	LC1DGKF7	LC1DT326B7	LC1DT60AKUE	LC1K0601P5
LC1D80004G6	LC1D80FD	LC1DGKM7	LC1DT326BD	LC1DT60AM7	LC1K0601P7
LC1D80004G7	LC1D80FE7	LC1DGKP7	LC1DT326BL	LC1DT60AMD	LC1K0601P72
LC1D80004M5	LC1D80FW	LC1DGKU7	LC1DT326G7	LC1DT60AND	LC1K0601Q7
LC1D80004M7	LC1D80G6	LC1DLKM7	LC1DT326K7	LC1DT60AP7	LC1K0601U7
LC1D80004N5	LC1D80G7	LC1DLKP7	LC1DT326L7	LC1DT60AU7	LC1K06103B7
LC1D80004N7	LC1D80G7M	LC1DLKQ7	LC1DT326M7	LC1DT60AV7	LC1K06103F7
LC1D80004P5	LC1D80GD	LC1DMK11F7C	LC1DT32B7	LC1DT60AW7	LC1K06103FE7
LC1D80004P7	LC1D80K7	LC1DMKB7	LC1DT32BD	LC1DT80A3BD	LC1K06103P7
LC1D80004Q7	LC1D80L6	LC1DMKF7	LC1DT32BL	LC1DT80A3P7	LC1K06103P72
LC1D80004U5	LC1D80L7	LC1DMKG7	LC1DT32E7	LC1DT80A6BBE	LC1K06105B7
LC1D80004U7	LC1D80M5	LC1DMKM7	LC1DT32ED	LC1DT80A6BD	LC1K06105F7
LC1D80004V7	LC1D80M7	LC1DMKN7	LC1DT32F7	LC1DT80A6BNE	LC1K06105M7
LC1D80008D7	LC1D80MD	LC1DMKP7	LC1DT32G7	LC1DT80A6ED	LC1K06105P7
LC1D80008E7	LC1D80MW	LC1DMKU7	LC1DT32M7	LC1DT80A6EHE	LC1K06106K7
LC1D80008F7	LC1D80N7	LC1DMKV7	LC1DT32MD	LC1DT80A6FD	LC1K06107P7
LC1D80008FE7	LC1D80ND	LC1DPK12Q7C	LC1DT32P7	LC1DT80A6KUE	LC1K0610B5
LC1D80008G6	LC1D80P5	LC1DPKB7C	LC1DT32U7	LC1DT80A6MD	LC1K0610B7
LC1D80008G7	LC1D80P7	LC1DPKF7	LC1DT403BL	LC1DT80AB7	LC1K0610B72
LC1D80008M7	LC1D80Q5	LC1DPKM7	LC1DT403E7	LC1DT80ABBE	LC1K0610D5
LC1D80008P7	LC1D80Q7	LC1DPKP7	LC1DT406BD	LC1DT80ABD	LC1K0610D7
LC1D80008Q7	LC1D80R7	LC1DPKU7	LC1DT406BL	LC1DT80ABNE	LC1K0610E5
LC1D80008U7	LC1D80S5	LC1DPKV7	LC1DT406GD	LC1DT80AC7	LC1K0610E7
LC1D806B7	LC1D80SD	LC1DT203B7	LC1DT406K7	LC1DT80ACD	LC1K0610F7
LC1D806BD	LC1D80SW	LC1DT203FL	LC1DT406M7	LC1DT80AE7	LC1K0610F72
LC1D806F5	LC1D80T6	LC1DT206BD	LC1DT40B7	LC1DT80AEHE	LC1K0610FE7
LC1D806F7	LC1D80U5	LC1DT206BL	LC1DT40BD	LC1DT80AF7	LC1K0610G7
LC1D806FD	LC1D80U7	LC1DT206M7	LC1DT40BL	LC1DT80AFD	LC1K0610K7
LC1D806FW	LC1D80U7M	LC1DT20B7	LC1DT40D7	LC1DT80AFE7	LC1K0610L7
LC1D806G7	LC1D80V7	LC1DT20BD	LC1DT40E7	LC1DT80AG7	LC1K0610M7
LC1D806K7	LC1D956BD	LC1DT20BL	LC1DT40ED	LC1DT80AJD	LC1K0610M72
LC1D806L7	LC1D956F7	LC1DT20CD	LC1DT40F7	LC1DT80AKUE	LC1K0610N7
LC1D806LE7	LC1D956K7	LC1DT20E7	LC1DT40FD	LC1DT80ALE7	LC1K0610P5
LC1D806M7	LC1D956M7	LC1DT20F7	LC1DT40FE7	LC1DT80AM7	LC1K0610P7
LC1D806P7	LC1D956P7	LC1DT20FD	LC1DT40G7	LC1DT80AN7	LC1K0610P72
LC1D806VD	LC1D95B5	LC1DT20FE7	LC1DT40GD	LC1DT80AND	LC1K0610Q7
LC1D80A3B7	LC1D95B7	LC1DT20G7	LC1DT40JD	LC1DT80AP7	LC1K0610T7
LC1D80A3E7	LC1D95BD	LC1DT20GD	LC1DT40JL	LC1DT80AQ7	LC1K0610U7
LC1D80A3P7	LC1D95BW	LC1DT20M7	LC1DT40LE7	LC1DT80AU7	LC1K0610V7
LC1D80A6BBE	LC1D95D7	LC1DT20MD	LC1DT40M7	LC1DTKF7	LC1K090043E7
LC1D80A6BNE	LC1D95E5	LC1DT20ML	LC1DT40MD	LC1DTKM7	LC1K090045E7
LC1D80A6EHE	LC1D95E7	LC1DT20N7	LC1DT40ND	LC1DTKP7	LC1K09004B7
LC1D80A6KUE	LC1D95ED	LC1DT20ND	LC1DT40P7	LC1DTKQ7C	LC1K09004B72
LC1D80A6M7	LC1D95F5	LC1DT20P7	LC1DT40SD	LC1DWK12F7	LC1K09004E7
LC1D80A6P7	LC1D95F7	LC1DT20U7	LC1DT40U7	LC1DWK12G7	LC1K09004F7
LC1D80AB7	LC1D95FD	LC1DT20UD	LC1DT40V7	LC1DWK12M5	LC1K09004FE7
LC1D80ABBE	LC1D95FE7	LC1DT253BD	LC1DT60A3BD	LC1DWK12M7	LC1K09004M7
LC1D80ABNE	LC1D95G7	LC1DT253BL	LC1DT60A3E7	LC1DWK12N7	LC1K09004M72
LC1D80AE7	LC1D95K7	LC1DT253E7	LC1DT60A3P7	LC1DWK12P5	LC1K09004P7
LC1D80AEHE	LC1D95M5	LC1DT256BD	LC1DT60A6BBE	LC1DWK12P7	LC1K09004Q7
LC1D80AF7	LC1D95M7	LC1DT256BL	LC1DT60A6BNE	LC1DWK12Q7	LC1K09004U7
LC1D80AFE7	LC1D95MD	LC1DT256FD	LC1DT60A6ED	LC1DWK12U7	LC1K090083E7
LC1D80AG7	LC1D95MW	LC1DT256M7	LC1DT60A6EHE	LC1DWK12V7	LC1K090083P7
LC1D80AKUE	LC1D95N7	LC1DT256P7	LC1DT60A6F7	LC1DWKB7C	LC1K090085E7
LC1D80AM7	LC1D95P5	LC1DT25B7	LC1DT60A6GD	LC1K06013FE7	LC1K090085F7
LC1D80AN7	LC1D95P7	LC1DT25BD	LC1DT60A6KUE	LC1K06013P7	LC1K090085P7
LC1D80AP7	LC1D95Q5	LC1DT25BL	LC1DT60A6MD	LC1K06015B7	LC1K090087P7
LC1D80AQ7	LC1D95Q7	LC1DT25CD	LC1DT60A6SD	LC1K06015F7	LC1K090087S7
LC1D80AR7	LC1D95R7	LC1DT25E7	LC1DT60AB7	LC1K06015M7	LC1K09008B7
LC1D80AU7	LC1D95S5	LC1DT25ED	LC1DT60ABBE	LC1K06017P7	LC1K09008D7
LC1D80AV7	LC1D95SD	LC1DT25F7	LC1DT60ABD	LC1K0601B5	LC1K09008E7
LC1D80B5	LC1D95U5	LC1DT25FD	LC1DT60ABNE	LC1K0601B7	LC1K09008F7
LC1D80B7	LC1D95U7	LC1DT25G7	LC1DT60ACD	LC1K0601D5	LC1K09008G7
LC1D80BD	LC1D95U7C	LC1DT25GD	LC1DT60AD7	LC1K0601D7	LC1K09008K7
LC1D80BW	LC1D95V7	LC1DT25JD	LC1DT60AE7	LC1K0601E5	LC1K09008M7
LC1D80CW	LC1DFKB7	LC1DT25LE7	LC1DT60AEHE	LC1K0601E7	LC1K09008M72
LC1D80D7	LC1DFKF7	LC1DT25M7	LC1DT60AF7	LC1K0601F7	LC1K09008N7
LC1D80E5	LC1DFKM7	LC1DT25MD	LC1DT60AFD	LC1K0601F72	LC1K09008P7
LC1D80E7	LC1DFKP7	LC1DT25P7	LC1DT60AFE7	LC1K0601G7	LC1K09008S7

This document is current. Click on the product reference to get the most recent availability status (hyperlink to [se.com](https://www.se.com) product datasheet). If your product variant is no longer available, please consult your distributor or regional sales office.

TeSys Control

Contactors

Product references

LC1K09008U7	LC1K12013F7	LC1SK0600V7	LC2D12EHE	LC2D32F7	LC2D80004M7
LC1K09008V7	LC1K12015P7	LC1SKGC200B7	LC2D12F7	LC2D32FE7	LC2D80004P5
LC1K09008W7	LC1K1201B5	LC1SKGC200E7	LC2D12FD	LC2D32G7	LC2D80004P7
LC1K09008Y7	LC1K1201B7	LC1SKGC200F7	LC2D12FE7	LC2D32GV7	LC2D80ABBE
LC1K09013B7	LC1K1201D5	LC1SKGC200M7	LC2D12G7	LC2D32KUE	LC2D80ABNE
LC1K09013P7	LC1K1201D7	LC1SKGC200P7	LC2D12GV7	LC2D32M7	LC2D80AEHE
LC1K09015B7	LC1K1201E5	LC1SKGC200U7	LC2D12KUE	LC2D32P7	LC2D80AKUE
LC1K09015FE7	LC1K1201E7	LC1SKGC200V7	LC2D12M7	LC2D32P7V	LC2D80B7
LC1K09015M7	LC1K1201F7	LC1SKGC301P7	LC2D12P7	LC2D32Q7	LC2D80E7
LC1K09016K7	LC1K1201M7	LC1SKGC310E7	LC2D12Q7	LC2D32V7	LC2D80F5
LC1K09017B7	LC1K1201N7	LC1SKGC310M7	LC2D12R7	LC2D386BL	LC2D80F7
LC1K09017E7	LC1K1201P5	LC1SKGC310P7	LC2D150B7	LC2D38B7	LC2D80FE7
LC1K0901B5	LC1K1201P7	LC1SKGC400P7	LC2D150BD	LC2D38BD	LC2D80G7
LC1K0901B7	LC1K1201U7	LC2D093BD	LC2D150E7	LC2D38BL	LC2D80K7
LC1K0901B72	LC1K1201V7	LC2D093BL	LC2D150F7	LC2D38E7	LC2D80M7
LC1K0901C7	LC1K12103M7	LC2D096BD	LC2D150G7	LC2D38EHE	LC2D80P7
LC1K0901D5	LC1K12103P7	LC2D096BL	LC2D150M7	LC2D38F7	LC2D85B7
LC1K0901D7	LC1K12105B7	LC2D096FD	LC2D150P7	LC2D38KUE	LC2D95E7
LC1K0901E5	LC1K12105M7	LC2D099B7	LC2D150Q7	LC2D38P7	LC2D95F7
LC1K0901E7	LC1K12105P7	LC2D09B7	LC2D183BD	LC2D40A3FE7	LC2D95M7
LC1K0901F7	LC1K1210B5	LC2D09B7V	LC2D18B7	LC2D40AB7	LC2D95P7
LC1K0901F72	LC1K1210B7	LC2D09BD	LC2D18B7V	LC2D40ABBE	LC2DT20P7
LC1K0901G7	LC1K1210D5	LC2D09BDV	LC2D18BD	LC2D40ABD	LC2DT25BD
LC1K0901M7	LC1K1210D72	LC2D09BL	LC2D18BDV	LC2D40ABNE	LC2DT25E7
LC1K0901N7	LC1K1210E5	LC2D09BLV	LC2D18BL	LC2D40AE7	LC2DT25G7
LC1K0901P5	LC1K1210E7	LC2D09BNE	LC2D18BNE	LC2D40AEHE	LC2DT25P7
LC1K0901P7	LC1K1210F7	LC2D09E7	LC2D18D7	LC2D40AF7	LC2DT32BD
LC1K0901P72	LC1K1210F72	LC2D09ED	LC2D18E7	LC2D40AFE7	LC2DT32E7
LC1K0901Q7	LC1K1210FE7	LC2D09EHE	LC2D18ED	LC2D40AG7	LC2DT32F7
LC1K0901T7	LC1K1210G7	LC2D09F7	LC2D18EHE	LC2D40AJD	LC2DT32G7
LC1K0901U7	LC1K1210M7	LC2D09FE7	LC2D18F7	LC2D40AKUE	LC2DT32P7
LC1K0901V7	LC1K1210P5	LC2D09G7	LC2D18FE7	LC2D40AM7	LC2DT32U7
LC1K09103B7	LC1K1210P7	LC2D09GV7	LC2D18G7	LC2D40AP7	LC2DT403E7
LC1K09103M7	LC1K1210P72	LC2D09JL	LC2D18GV7	LC2D40AV7	LC2DT40BD
LC1K09105D7	LC1K1210Q7	LC2D09K7	LC2D18J7	LC2D40F7	LC2DT40E7
LC1K09105E7	LC1K1210T7	LC2D09KUE	LC2D18KUE	LC2D50AB7	LC2DT40F7
LC1K09105F7	LC1K1210U7	LC2D09M7	LC2D18L7	LC2D50ABBE	LC2DT40G7
LC1K09105P7	LC1K1210V7	LC2D09ND	LC2D18M7	LC2D50ABD	LC2DT40GD
LC1K09107E7	LC1K16004F7	LC2D09P7	LC2D18P7	LC2D50ABNE	LC2DT40M7
LC1K09107F7	LC1K16015P7	LC2D09Q7	LC2D18Q7	LC2D50AE7	LC2DT40P7
LC1K0910B5	LC1K1601B5	LC2D09U7	LC2D18V7	LC2D50AED	LC2K06015B7
LC1K0910B7	LC1K1601B7	LC2D09UV7	LC2D256BL	LC2D50AEHE	LC2K06015M7
LC1K0910D5	LC1K1601D5	LC2D09V7	LC2D25B7	LC2D50AF7	LC2K0601B7
LC1K0910E5	LC1K1601E5	LC2D115004M5	LC2D25B7V	LC2D50AFD	LC2K0601B72
LC1K0910E7	LC1K1601E7	LC2D115004M7	LC2D25BD	LC2D50AFE7	LC2K0601E7
LC1K0910F7	LC1K1601F7	LC2D115004P5	LC2D25BL	LC2D50AG7	LC2K0601F7
LC1K0910F72	LC1K1601M7	LC2D115004P7	LC2D25BNE	LC2D50AK7	LC2K0601FE7
LC1K0910G7	LC1K1601P5	LC2D1156F7	LC2D25D7	LC2D50AKUE	LC2K0601G7
LC1K0910K7	LC1K1601P7	LC2D1156M7	LC2D25E7	LC2D50AL7	LC2K0601K7
LC1K0910L7	LC1K1601Q7	LC2D115B7	LC2D25ED	LC2D50AM7	LC2K0601M7
LC1K0910M7	LC1K1601V7	LC2D115BD	LC2D25EHE	LC2D50AND	LC2K0601P7
LC1K0910M72	LC1K16106M7	LC2D115E7	LC2D25F7	LC2D50AP7	LC2K0601P72
LC1K0910N7	LC1K1610B5	LC2D115F7	LC2D25FE7	LC2D50G7	LC2K0601U7
LC1K0910P5	LC1K1610B7	LC2D115FE7	LC2D25G7	LC2D50AB7	LC2K06103P7
LC1K0910P7	LC1K1610D5	LC2D115G7	LC2D25GV7	LC2D65ABBE	LC2K06105B7
LC1K0910P72	LC1K1610D7	LC2D115M5	LC2D25K7	LC2D65ABD	LC2K06105M7
LC1K0910Q7	LC1K1610E5	LC2D115M7	LC2D25KUE	LC2D65ABNE	LC2K0610B7
LC1K0910R7	LC1K1610F7	LC2D115P7	LC2D25M7	LC2D65AE7	LC2K0610D72
LC1K0910S7	LC1K1610K7	LC2D123BD	LC2D25P7	LC2D65AED	LC2K0610E7
LC1K0910SC7	LC1K1610M7	LC2D123BL	LC2D25P7V	LC2D65AEHE	LC2K0610F7
LC1K0910T7	LC1K1610P5	LC2D126L7	LC2D25U7	LC2D65AF7	LC2K0610FE7
LC1K0910U7	LC1K1610P7	LC2D129B7	LC2D25X7	LC2D65AFE7	LC2K0610M7
LC1K0910V7	LC1K1610Q7	LC2D12B7	LC2D323BD	LC2D65AG7	LC2K0610P7
LC1K12004B7	LC1K1610U7	LC2D12BD	LC2D32B7	LC2D65AKUE	LC2K0610P72
LC1K12004M7	LC1K1610V7	LC2D12BDV	LC2D32BD	LC2D65AL7	LC2K0610U7
LC1K12004P7	LC1SK0600B7	LC2D12BL	LC2D32BDV	LC2D65AM7	LC2K0610V7
LC1K12004T7	LC1SK0600E7	LC2D12BLV	LC2D32BL	LC2D65AP7	LC2K09004B7
LC1K120085E7	LC1SK0600F7	LC2D12BNE	LC2D32BNE	LC2D65AU7	LC2K09004E7
LC1K12008B7S17	LC1SK0600M7	LC2D12D7	LC2D32D7	LC2D65F7	LC2K09004F7
LC1K12008E7S17	LC1SK0600P7	LC2D12E7	LC2D32E7	LC2D65G7	LC2K09004G7
LC1K12008F7S17	LC1SK0600U7	LC2D12ED	LC2D32EHE	LC2D80004M5	LC2K09004M7

This document is current.  Click on the product reference to get the most recent availability status (hyperlink to [se.com](https://www.se.com) product datasheet). If your product variant is no longer available, please consult your distributor or regional sales office.

TeSys Control

Contactors

Product references

LC2K09013P7	LC3D18AB7	LP1K0601ND	LP1K120043BD3	LP4K0610EW3	LX1D8F7
LC2K09015D7	LC3D18AF7	LP1K0601SD	LP1K12004BD	LP4K0610FW3	LX1D8FE7
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
LC2K0901U7	LC3D80M7	LP1K0610MD	LP1K12103BD	LP4K09105BW3	LX1D8V7
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
LC2K1201B7	LP1D400086SW	LP1K09008ED	LP2K0601BD3	LP5K0610BW3	LXD1N7
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
LC2K12105B7	LP1D65008BD	LP1K09015UD	LP2K09013BD	LP5K1201SW3	LXD1V7
LC2K12105F7	LP1D65008FD	LP1K0901BD	LP2K09015BD	LP5K1210BW3	LXD1W7
LC2K12107B7	LP1D800046SW	LP1K0901BD3	LP2K0901BD	LX1D6B5	LXD1X7
LC2K1210B7	LP1D80004BD	LP1K0901ED	LP2K0901BD3	LX1D6B6	LXD1Y7
LC2K1210D7	LP1D80004BW	LP1K0901ED3	LP2K0901ED	LX1D6B7	LXD3B7
LC2K1210E7	LP1D80004ED	LP1K0901FD	LP2K0901JD	LX1D6E7	LXD3D7
LC2K1210F7	LP1D80004FD	LP1K0901GD	LP2K0901ND	LX1D6F5	LXD3E7
LC2K1210G7	LP1D800086SW	LP1K0901JD	LP2K09105BD	LX1D6F7	LXD3FE7
LC2K1210K7	LP1D80008BD	LP1K0901MD	LP2K0910BD	LX1D6G7	LXD3G7
LC2K1210L7	LP1D80008BW	LP1K0901ND	LP2K0910BD3	LX1D6L6	LXD3LE7
LC2K1210M7	LP1D80008ED	LP1K0901SD3	LP2K0910ED	LX1D6M5	LXD3M7
LC2K1210P7	LP1D80008FD	LP1K09103BD	LP2K1201BD	LX1D6M6	LXD3N7
LC2K1601K7	LP1D80008MD	LP1K09103BD3	LP2K1201BD3	LX1D6M7	LXD3P7
LC2K1610B7	LP1D80008MW	LP1K09105BD	LP2K12105BD	LX1D6N7	LXD3Q7
LC2K1610F7	LP1K06013BD	LP1K09105BD3	LP2K1210BD	LX1D6P7	LXD3R7
LC2K1610P7	LP1K06013BD3	LP1K0910BD	LP2K1210BD3	LX1D6Q7	LXD3T7
LC3D115F7A64	LP1K06013MD3	LP1K0910BD3	LP2K1210JD	LX1D6R7	LXD3U7
LC3D115M7A64	LP1K06015BD	LP1K0910ED	LP4K06013BW3	LX1D6T6	LXD3V7
LC3D115P7	LP1K06016BD	LP1K0910ED3	LP4K06016BW3S16	LX1D6U5	LXD3X7
LC3D115P7A64	LP1K0601BD	LP1K0910FD	LP4K0601BW3	LX1D6U6	
LC3D150M7A64	LP1K0601BD3	LP1K0910GD	LP4K0601SW3	LX1D6U7	
LC3D150P7	LP1K0601ED	LP1K0910JD	LP4K06103BW3	LX1D6V7	
LC3D150P7A64	LP1K0601FD	LP1K0910MD	LP4K06105BW3	LX1D6V7	
LC3D180AB7	LP1K0601MD	LP1K0910SD	LP4K0610BW3	LX1D8B7	

This document is current. Click on the product reference to get the most recent availability status (hyperlink to [se.com](https://www.se.com) product datasheet). If your product variant is no longer available, please consult your distributor or regional sales office.