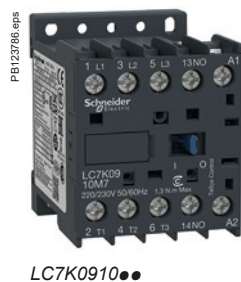
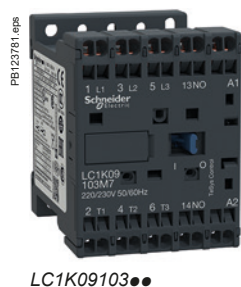


TeSys Control

K Contactors

Product references



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-3e, AC-4 - a.c. coil

Standard power ratings of
3-phase motors 50-60 Hz
in category AC-3/AC-3e

Rated operational
current in category
AC-3/AC-3e 440 V
up to

Instantaneous
auxiliary contacts

Basic reference,
to be completed by
adding the voltage code
(1) (2)

220 V 380 V 440 V
230 V 415 V 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 LCeK...3 / LPeK...3 with spring terminal, Ith max = 16 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.