

TeSys Control

K Contactors

Product references



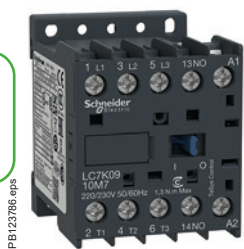
LC1K09004●●



LC1K09103●●



LC1K09107●●



LC7K0910●●

Contactor selection according to utilisation category, see pages A5/58 and A5/59.

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 A5/58.

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, $I_{th\ max} = 16\text{ A}$.

⁽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.