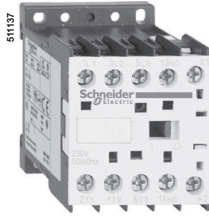


TeSys contactors

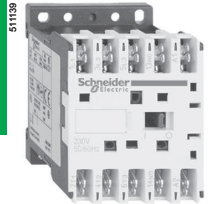
Contactors for motor control,
6 to 16 A in category AC-3 and 6 to 12 A
in category AC-4
Control circuit: a.c.



LC1 K0910●●



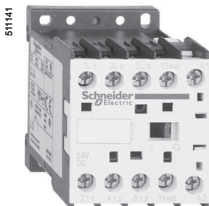
LC1 K09103●●



LC1 K09107●●



LC1 K09105●●



LC7 K0910●●

Contactors selection according to utilisation category, see pages 5/194 to 5/197 and 5/200 to 5/203.
Mounting on 35 mm rail or Ø 4 screw fixing.
Screws in the open "ready-to-tighten" position.
Add-on auxiliary contact blocks and accessories, see pages 5/22 to 5/25.

3-pole contactors for standard applications

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)	Weight
220 V	380 V	440/500 V	A	1	LC1 K0610●●	kg
230 V	415 V	660/690 V				
kW	kW	kW				
1.5	2.2	3	6	1	LC1 K0610●●	0.180
				– 1	LC1 K0601●●	0.180
2.2	4	4	9	1	LC1 K0910●●	0.180
				– 1	LC1 K0901●●	0.180
3	5.5	4 (> 440)	12	1	LC1 K1210●●	0.180
		5.5 (440)		– 1	LC1 K1201●●	0.180
4	7.5	4 (> 440)	16	1	LC1 K1610●●	0.180
		5.5 (440)		– 1	LC1 K1601●●	0.180

Spring terminal connections

For 6 to 12 A ratings only, in the references selected above, insert a figure 3 before the voltage code.
Example: LC1 K0610●● becomes LC1 K06103●●.

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: LC1 K0610●● becomes LC1 K06107●●.

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: LC1 K0610●● becomes LC1 K06105●●.

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	–	LC7 K0610●●	0.225
				–	1	LC7 K0601●●	0.225
2.2	4	4	9	1	–	LC7 K0910●●	0.225
				–	1	LC7 K0901●●	0.225
3	5.5	4 (> 440)	12	1	–	LC7 K1210●●	0.225
		5.5 (440)		–	1	LC7 K1201●●	0.225

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: LC7 K0610●● becomes LC7 K06107●●.

Solder pins for printed circuit boards

In the references selected above, insert a figure 5 before the voltage code.
Example: LC7 K0610●● becomes LC7 K06105●●.

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

a.c. supply

Contactors LC1 K (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
50/60 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 LC7 K (0.85...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 LA4 KE1FC (50...129 V) or LA4 KE1UG (130...250 V), see page 5/24

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