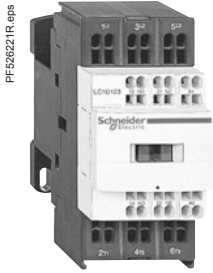


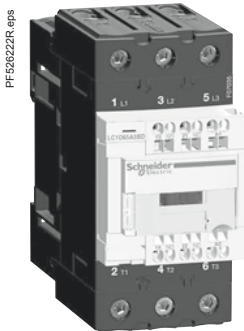
TeSys contactors

TeSys D contactors for motor control
up to 30 kW at 400 V, in category AC-3
For connection by spring terminals

TeSys D



LC1 D123●●



LC1 D65A3●●

3-pole contactors

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 ⁽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 ⁽⁴⁾	1	1	LC1D323●●

Power connections by EverLink® BTR screw connectors ⁽⁵⁾ and control by spring terminals

11	18.5	22	22	22	30	40	1	1	LC1D40A3●● ⁽⁶⁾
15	22	25	30	30	33	50	1	1	LC1D50A3●● ⁽⁶⁾
18.5	30	37	37	37	37	65	1	1	LC1D65A3●● ⁽⁶⁾

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 LC1 D09 and LC1 D12 only, replace the figure 3 with a 9 in the references selected above.

Example: LC1 D093●● becomes LC1 D099●●.

Separate components

Auxiliary contact blocks and add-on modules: see pages B8/15 to B8/21.

⁽¹⁾ LC1 D09 to D32: clip-on mounting on 35 mm \perp rail AM1 DP or screw fixing.

⁽²⁾ 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
LC1 D09...D65A												
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
LC1 D09...D65A (coils with built-in suppression 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
LC1 D09...D32 (coils with integral suppression device fitted as standard)								
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 B8/25 to B8/28.

⁽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 LC1 D09 to D32 and 0.075 kg from LC1 D40A 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 LAD 331 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 LAD ALLEN4, see page B8/21).

⁽⁶⁾ For low consumption kit LA4 DBL (see page B8/19).