

TeSys contactors

For motor control up to 75 kW at 400 V, in category AC-3

Control circuit: a.c., d.c. or low consumption



LC1 D09



LC1 D25



LC1 D95



LC1 D115

3-pole contactors for connection by screw clamp terminals or connectors

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	Basic reference, to be completed by adding the voltage code (2)	Weight (3)
220 V	380 V	440 V	500 V	660 V	690 V	1000 V	Fixing (1)				
kW	kW	kW	kW	kW	kW	kW	A			kg	
2.2	4	4	4	5.5	5.5	-	9	1	1	LC1 D09	0.320
3	5.5	5.5	5.5	7.5	7.5	-	12	1	1	LC1 D12	0.325
4	7.5	9	9	10	10	-	18	1	1	LC1 D18	0.330
5.5	11	11	11	15	15	-	25	1	1	LC1 D25	0.370
7.5	15	15	15	18.5	18.5	-	32	1	1	LC1 D32	0.375
9	18.5	18.5	18.5	18.5	18.5	-	38	1	1	LC1 D38	0.380
11	18.5	22	22	22	30	22	40	1	1	LC1 D40	1.400
15	22	25	30	30	33	30	50	1	1	LC1 D50	1.400
18.5	30	37	37	37	37	37	65	1	1	LC1 D65	1.400
22	37	45	45	55	45	45	80	1	1	LC1 D80	1.590
25	45	45	45	55	45	45	95	1	1	LC1 D95	1.610
30	55	59	59	75	80	65	115	1	1	LC1 D115	2.500
40	75	80	80	90	100	75	150	1	1	LC1 D150	2.500

3-pole contactors for connection by lugs or bars

In the references selected above, insert a figure 6 before the voltage code.
Example: LC1 D09 becomes LC1 D096.

Accessories

Auxiliary contact blocks and add-on modules: see pages 5/68 to 5/75.

- (1) LC1 D09 to D38: clip-on mounting on 35 mm rail AM1 DP or screw fixing.
LC1 D40 to D95 ~: clip-on mounting on 35 mm rail AM1 DP or 75 mm rail AM1 DL or screw fixing.
LC1 D40 to D95 ---: clip-on mounting on 75 mm rail AM1 DL or screw fixing.
LC1 D115 and D150: clip-on mounting on 2 x 35 mm rails 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	500
LC1 D09...D150 (D115 and D150 coils with integral suppression device fitted as standard))													
50/60 Hz	B7	D7	E7	F7	FE7	M7	P7	U7	Q7	V7	N7	R7	-
LC1 D40...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		
LC1 D09...D38 (coils with integral suppression device fitted as standard)													
U 0.7...1.25 Uc	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD		
LC1 D40...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	-	-		
LC1 D115 and D150 (coils with integral 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					
LC1 D09...D38 (coils with integral suppression device fitted as standard)													
U 0.7...1.25 Uc	AL	JL	ZL	BL	EL	FL	ML	UL					

For other voltages between 5 and 690 V, see pages 5/76 to 5/81.
(3) The weights indicated are for contactors with a.c. control circuit. For d.c. or low consumption control circuit, add 0.160 kg for contactors LC1 D09 to D38, 0.785 kg for contactors LC1 D40 to D65 and 1 kg for contactors LC1 D80 and D95.