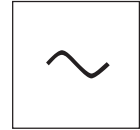


# Contactors

d 3-pole contactors for motor control, 9 to 95 A  
 Utilisation category AC-3  
 Control circuit : a.c.



Dimensions, mounting :  
 pages 1/44 to 1/48

## References

1



LC1-D0910●●



LC1-D2510●●



LC1-D9511●●

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 ( $\theta \leq 55^\circ\text{C}$ )							Rated operational current in AC-3 up to 440V	Instantaneous auxiliary contacts	Basic reference. Complete with code indicating control circuit voltage (2) Fixing, cabling (1)	Weight
220V	380V	415V	440V	500V	660V	A				
kW	kW	kW	kW	kW	kW				kg	
2.2	4	4	4	5.5	5.5	9	– –	LC1-D0900●● (3)	0.320	
							1 –	LC1-D0910●●	0.320	
							– 1	LC1-D0901●●	0.320	
3	5.5	5.5	5.5	7.5	7.5	12	– –	LC1-D1200●● (3)	0.320	
							1 –	LC1-D1210●●	0.320	
							– 1	LC1-D1201●●	0.320	
4	7.5	9	9	10	10	18	– –	LC1-D1800●● (3)	0.320	
							1 –	LC1-D1810●●	0.350	
							– 1	LC1-D1801●●	0.350	
5.5	11	11	11	15	15	25	– –	LC1-D2500●● (3)	0.320	
							1 –	LC1-D2510●●	0.505	
							– 1	LC1-D2501●●	0.505	
7.5	15	15	15	18.5	18.5	32	– –	LC1-D3200●● (3)	0.320	
							1 –	LC1-D3210●●	0.525	
							– 1	LC1-D3201●●	0.525	
11	18.5	22	22	22	30	40	1 1	LC1-D4011●●	1.150	
15	22	25	30	30	33	50	1 1	LC1-D5011●●	1.150	
18.5	30	37	37	37	37	65	1 1	LC1-D6511●●	1.150	
22	37	45	45	55	45	80	1 1	LC1-D8011●●	1.500	
25	45	45	45	55	45	95 (4)	1 1	LC1-D9511●●	1.500	

Note : Add-on auxiliary contact blocks and modules : see pages 1/32 to 1/43.

(1) For LC1-D09 to D32 : clip-on mounting onto 35 mm rail AM1-DP.

For LC1-D40 to D95 : clip-on mounting onto 35 mm or 75 mm rail AM1-DL.

Power terminals : LC1-D09 to D95 protected against direct finger contact. Ready-to-tighten terminals.

(2) Standard control circuit voltages (for other voltages, please consult your Regional customer centre).

Volts ~	24	42	48	110	220/230	230	240	380/400	400	415	440	500	660
50 Hz	B5	D5	E5	F5	M5	P5	U5	Q5	V5	N5	R5	S5	Y5
60 Hz	B6	D6	E6	F6	M6	–	U6	Q6	–	–	R6	–	–
50/60 Hz	B7	D7	E7	F7	M7	–	P7	U7	Q7	V7	N7	R7	–

(3) 3-pole contactors without auxiliary contact (standard EN 50012).

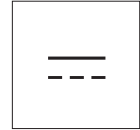
(4) 95 A rated operational current in AC-3 up to 400 V.

## Other versions

Contactors with non-protected power terminals enabling “power” and “control” connections to be made using ring type terminals. Please consult your Regional customer centre.

# Contactors

d 3-pole contactors for motor control, 9 to 80 A  
 Utilisation category AC-3  
 Control circuit : d.c.



Dimensions, mounting :  
 pages 1/44 to 1/48

## References

1



LP1-D0910●●



LP1-D3210●●

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3 ( $\theta \leq 55^\circ\text{C}$ )							Rated operational current in AC-3 up to 440V <b>A</b>	Instantaneous auxiliary contacts		Basic reference. Complete with code indicating control circuit voltage (2) Fixing, cabling (1)	Weight <b>kg</b>
220V kW	380V kW	415V kW	440V kW	500V kW	660V kW	1		2			
2.2	4	4	4	5.5	5.5	<b>9</b>	1	–	LP1-D0910●●	0.580	
							–	1	LP1-D0901●●	0.580	
3	5.5	5.5	5.5	7.5	7.5	<b>12</b>	1	–	LP1-D1210●●	0.580	
							–	1	LP1-D1201●●	0.580	
4	7.5	9	9	10	10	<b>18</b>	1	–	LP1-D1810●●	0.600	
							–	1	LP1-D1801●●	0.600	
5.5	11	11	11	15	15	<b>25</b>	1	–	LP1-D2510●●	0.850	
							–	1	LP1-D2501●●	0.850	
7.5	15	15	15	18.5	18.5	<b>32</b>	1	–	LP1-D3210●●	0.880	
							–	1	LP1-D3201●●	0.880	
11	18.5	22	22	22	30	<b>40</b>	1	1	LP1-D4011●●	2.100	
15	22	25	30	30	33	<b>50</b>	1	1	LP1-D5011●●	2.120	
18.5	30	37	37	37	37	<b>65</b>	1	1	LP1-D6511●●	2.160	
22	37	45	45	55	45	<b>80</b>	1	1	LP1-D8011●●	2.220	

**Note :** Add-on auxiliary contact blocks and modules, see pages 1/32 to 1/43.

(1) For LP1-D09 to D25 : clip-on mounting on 35 mm rail AM1-DP.

For LP1-D40 to D80 : clip-on mounting on 75 mm rail AM1-DL.

Power terminals : LP1-D09 to D80 protected against direct finger contact. Ready-to-tighten terminals.

(2) Standard control circuit voltages (for other voltages, please consult your Regional customer centre).

Volts	12	24	36	48	60	72	110	125	220	250	440
U 0.8...1.1 Uc (3)	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD

U 0.7...1.25 Uc (4)	JW	BW	CW	EW	–	SW	FW	–	MW	–	–
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(3) LP1-D40 to D80 : 0.85...1.1 Uc.

(4) LP1-D40 to D80 : 0.75...1.2 Uc.

### Other versions

Contactors with non-protected power terminals enabling “power” and “control” connections to be made using ring type terminals.  
 Please consult your Regional customer centre.

# Contactors

d 3 and 4-pole contactors for heating, lighting, etc., 25 to 125 A  
 Utilisation category AC-1  
 Control circuit : a.c.

Dimensions, mounting :  
 pages 1/44 to 1/48

## References

1



LC1-D0910●●



LC1-D12004●●



LC1-D65004●●

A	Non inductive loads Maximum operational current Utilisation category AC-1 ( $\theta \leq 55^\circ\text{C}$ )	Number of poles		Instantaneous auxiliary contacts		Basic reference. Complete with code indicating control circuit voltage (2) Fixing, cabling (1)	Weight kg				
		d	b	N/O	N/C						
25		3	-	-	-	LC1-D0900●●	0.320				
						or LC1-D1200●● (3)	0.320				
						1 -	LC1-D0910●●	0.320			
						1 -	or LC1-D1210●● (3)	0.320			
						- 1	LC1-D0901●●	0.320			
						- 1	or LC1-D1201●● (3)	0.320			
32		3	-	-	-	LC1-D12004●●	0.320				
						2 2	LC1-D12008●●	0.320			
						3	-	-	-	LC1-D1800●●	0.320
1 -	LC1-D1810●●	0.350									
40		3	-	-	-	LC1-D1801●●	0.350				
						3	-	-	-	LC1-D2500●●	0.320
										1 -	LC1-D2510●●
- 1	LC1-D2501●●	0.505									
50		3	-	-	-	LC1-D25004●●	0.505				
						2 2	LC1-D25008●●	0.505			
						3	-	-	-	LC1-D3200●●	0.320
										1 -	LC1-D3210●●
- 1	LC1-D3201●●	0.525									
60		3	-	1	1	LC1-D4011●●	1.150				
						4	-	-	-	LC1-D40004●●	1.150
										2 2	LC1-D40008●●
80		3	-	1	1	LC1-D5011●●	1.150				
						1 1	or LC1-D6511●● (3)	1.150			
						4	-	-	-	LC1-D65004●●	1.150
										2 2	LC1-D65008●●
125		3	-	1	1	LC1-D8011●●	1.500				
						1 1	or LC1-D9511●● (3)	1.500			
						4	-	-	-	LC1-D80004●●	1.530
2 2	LC1-D80008●●	1.530									

Note : Add-on auxiliary contact blocks and modules, see pages 1/32 to 1/43.

(1) For LC1-D09 to D32 : clip-on mounting on 35 mm rail AM1-DP.

For LC1-D40 to D95 : clip-on mounting on 35 mm or 75 mm rail AM1-DL.

Power terminals : LC1-D09 to D95 protected against direct finger contact. Ready-to-tighten terminals.

(2) Standard control circuit voltages (for other voltages, please consult your Regional customer centre).

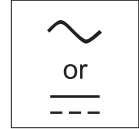
Volts ~	24	42	48	110	220/230	230	240	380/400	400	415	440	500	660
50 Hz	B5	D5	E5	F5	M5	P5	U5	Q5	V5	N5	R5	S5	Y5
60 Hz	B6	D6	E6	F6	M6	-	U6	Q6	-	-	R6	-	-
50/60 Hz	B7	D7	E7	F7	M7	P7	U7	Q7	V7	N7	R7	-	-

(3) Selection according to number of operating cycles.



# Contactors

d 3-pole reversing contactors for motor control, assembled by Telemecanique  
9 to 95 A (a.c. control circuit) and  
9 to 32 A (d.c. control circuit). Utilisation category AC-3



Dimensions, mounting :  
pages 1/44 to 1/48

## References

### 3-pole reversing contactors horizontally mounted (1)

1



LC2-D1201●●

#### a.c. control circuit

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

Rated  
operational  
current  
in AC-3  
up to  
440V

Instantaneous  
auxiliary  
contacts  
per  
contactor

Basic reference.  
Complete with code  
indicating control  
circuit voltage (2)  
Fixing,  
cabling (3)

Weight

220V kW	380V kW	415V kW	440V kW	500V kW	660V kW	A	N/O	N/C	Basic reference.	Weight
2.2	4	4	4	5.5	5.5	9	–	1	LC2-D0901●●	0.700
3	5.5	5.5	5.5	7.5	7.5	12	–	1	LC2-D1201●●	0.700
4	7.5	9	9	10	10	18	–	1	LC2-D1801●●	0.750
5.5	11	11	11	15	15	25	–	1	LC2-D2501●●	1.100
7.5	15	15	15	18.5	18.5	32	–	1	LC2-D3201●●	1.200
11	18.5	22	22	22	30	40	1	1	LC2-D4011●●	2.400
15	22	25	30	30	33	50	1	1	LC2-D5011●●	2.400
18.5	30	37	37	37	37	65	1	1	LC2-D6511●●	2.400
22	37	45	45	55	45	80	1	1	LC2-D8011●●	3.200
25	45	45	45	55	45	95 (up to 400V)	1	1	LC2-D9511●●	3.200

#### d.c. control circuit

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

Rated  
operational  
current  
in AC-3  
up to  
440V

Instantaneous  
auxiliary  
contacts  
per  
contactor

Basic reference.  
Complete with code  
indicating control  
circuit voltage (4)  
Fixing,  
cabling (5)

Weight

220V kW	380V kW	415V kW	440V kW	500V kW	660V kW	A	N/O	N/C	Basic reference.	Weight
2.2	4	4	4	5.5	5.5	9	–	1	LP2-D0901●●	1.200
3	5.5	5.5	5.5	7.5	7.5	12	–	1	LP2-D1201●●	1.200
4	7.5	9	9	10	10	18	–	1	LP2-D1801●●	1.270
5.5	11	11	11	15	15	25	–	1	LP2-D2501●●	1.750
7.5	15	15	15	18.5	18.5	32	–	1	LP2-D3201●●	1.850



LP2-D0901●●

## Accessories (to be ordered separately)

[Auxiliary contact blocks and add-on modules, see pages 1/32 to 1/43.](#)

(1) Fitted with pre-wired power circuit connections and mechanical interlock, without electrical interlocking.

(2) Standard control circuit voltages (for other voltages, please consult your Regional customer centre).

Volts ~	24	42	48	110	220/230	230	240	380/400	400	415	440	500	660
50 Hz	B5	D5	E5	F5	M5	P5	U5	Q5	V5	N5	R5	S5	Y5
60 Hz	B6	D6	E6	F6	M6	–	U6	Q6	–	–	R6	–	–
50/60 Hz	B7	D7	E7	F7	M7	P7	U7	Q7	V7	N7	R7	–	–

(3) For LC2-D09 to D32 : clip-on mounting on 35 mm  $\bar{\_}$  rail or screw fixing.

For LC2-D40 to D95 : clip-on mounting on 35 mm or 75 mm  $\bar{\_}$  rail or screw fixing.

Power terminals protected against direct finger contact and ready-to-tighten terminals.

(4) Standard control circuit voltages (for other voltages, please consult your Regional customer centre).

Uc (Volts) $\bar{\_}$	12	24	36	48	60	72	110	125	220	250	440	
U 0.8 to 1.1 Uc	standard coils	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
U 0.7 to 1.25 Uc	wide range coils	JW	BW	CW	EW	–	SW	FW	–	MW	–	–

(5) Clip-on mounting on 35 mm  $\bar{\_}$  rail or screw fixing.

Power terminals protected against direct finger contact. Ready-to-tighten terminals.

**Other versions** Reversing contactors fitted with mechanical interlock, with integral electrical interlocking. Please consult your Regional customer centre.