

TeSys contactors

For control in category AC-1, 20 to 200 A

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



LC1 DT20

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

Non inductive loads maximum current ($\theta \leq 60^\circ\text{C}$) utilisation category AC-1	Number of poles		Instantaneous auxiliary contacts		Basic reference, to be completed by adding the voltage code (1) Fixing (2)	Weight (3)
	d	b				
A						kg
20	4	–	1	1	LC1 DT20	0.365
	2	2	1	1	LC1 D098	0.365
25	4	–	1	1	LC1 DT25	0.365
	2	2	1	1	LC1 D128	0.365
32	4	–	1	1	LC1 DT32	0.425
	2	2	1	1	LC1 D188	0.425
40	4	–	1	1	LC1 DT40	0.425
	2	2	1	1	LC1 D258	0.425
60	4	–	–	–	LC1 D4004	1.440
					or LP1 D4004	2.210
	2	2	–	–	LC1 D4008	1.440
					or LP1 D4008	2.210
	4	–	–	–	LC1 D6504	1.440
					or LP1 D6504	2.210
80	2	2	–	–	LC1 D6508	1.450
					or LP1 D6508	2.220
	4	–	–	–	LC1 D8004	1.760
125					or LP1 D8004	2.685
	2	2	–	–	LC1 D8008	1.840
					or LP1 D8008	2.910
	4	–	–	–	LC1 D11504	2.860

4-pole contactors for connection by lugs or bars

In the references selected above, insert a figure 6 before the voltage code (except LC1 D65 and LP1 D65).

Example: LC1 DT20 becomes LC1 DT206.

4-pole contactors for connection by spring terminals

20	4	–	1	1	LC1 DT203	0.380
	2	2	1	1	LC1 D0983	0.380
25	4	–	1	1	LC1 DT253	0.380
	2	2	1	1	LC1 D1283	0.380
32	4	–	1	1	LC1 DT323	0.425
	2	2	1	1	LC1 D1883	0.425
40	4	–	1	1	LC1 DT403	0.425
	2	2	1	1	LC1 D2583	0.425

Accessories

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

(1) 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 and LC1 DT20...DT40 (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 and LC1 DT20...DT40 (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 or LP1 D40...D80											
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 (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 and LC1 DT20...DT40 (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.

(2) See note (2) page 5/60

(3) The weights indicated are for contactors with a.c. control circuit. For d.c. or low consumption control circuit, add 0.165 kg and for contactors LC1 D80, 1 kg.