

# TeSys contactors

For motor control in utilisation category AC-3  
(115 to 800 A)

Control circuit: a.c. or d.c.



LC1 F225



LC1 F630

## 3-pole contactors

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3							Rated operational current in cat. AC-3	Basic reference, to be completed by adding the voltage code (2)	Weight
220 V 380 V 230 V 400 V 415 V 440 V 500 V 690 V 1000 V							660 V 440 V up to	Screw fixing, cabling (1)	kg
kW	kW	kW	kW	kW	kW	kW	A		
30	55	59	59	75	80	65	115	LC1 F115●●	3.430
40	75	80	80	90	100	65	150	LC1 F150●●	3.430
55	90	100	100	110	110	100	185	LC1 F185●●	4.650
63	110	110	110	129	129	100	225	LC1 F225●●	4.750
75	132	140	140	160	160	147	265	LC1 F265●●	7.440
100	160	180	200	200	220	160	330	LC1 F330●●	8.600
110	200	220	250	257	280	185	400	LC1 F400●●	9.100
147	250	280	295	355	335	335	500	LC1 F500●●	11.350
200	335	375	400	400	450	450	630	LC1 F630●●	18.600
220	400	425	425	450	475	450	780	LC1 F780●●	39.500
250	450	450	450	450	475	450	800	LC1 F800●●	18.750

**Nota :** auxiliary contact blocks, modules and accessories: see pages 5/110 to 5/115.

(1) Power terminals can be protected against direct finger contact by the addition of shrouds, to be ordered separately, except on contactors LC1 F780 (see page 5/114).

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

Volts ~	24	48	110	115	120	208	220	230	240	380	400	415	440	
<b>LC1 F115...F225</b>														
50 Hz (coil LX1)		B5	E5	F5	FE5	-	-	M5	P5	U5	Q5	V5	N5	-
60 Hz (coil LX1)		-	E6	F6	-	G6	L6	M6	-	U6	Q6	-	-	R6
40...400 Hz (coil LX9)		-	E7	F7	FE7	G7	L7	M7	P7	U7	Q7	V7	N7	R7
<b>LC1 F265...F330</b>														
40...400 Hz (coil LX1)		B7	E7	F7	FE7	G7	L7	M7	P7	U7	Q7	V7	N7	R7
<b>LC1 F400...F630</b>														
40...400 Hz (coil LX1)		-	E7	F7	FE7	G7(3)	L7	M7	P7	U7	Q7	V7	N7	R7
<b>LC1 F780</b>														
40...400 Hz (coil LX1)		-	-	F7	FE7	F7	L7	M7	P7	U7	Q7	V7	N7	R7
<b>LC1 F800</b>														
40...400 Hz (coil LX4) (4)		-	-	FW	FW	FW	-	MW	MW	MW	QW	QW	QW	-
<b>Volts =</b>	<b>24</b>	<b>48</b>	<b>110</b>	<b>125</b>	<b>220</b>	<b>230</b>	<b>250</b>	<b>400</b>	<b>440</b>					
<b>LC1 F115...F330</b>														
(coil LX4 F)		BD	ED	FD	GD	MD	MD	UD	-	RD				
<b>LC1 F400...F630</b>														
(coil LX4 F)		-	ED	FD	GD	MD	-	UD	-	RD				
<b>LC1 F780</b>														
(coil LX4 F)		-	-	FD	GD	MD	-	UD	-	RD				
<b>LC1 F800</b>														
(coil LX4 F)		-	-	FW	FW	MW	MW	-	QW	-				

(3) F7 for LC1 F630.

(4) Coil LX4 F8●● + rectifier DR5STE●●.