

3-Pole Non-Reversing Mini-Contactors

Table 18.86: AC Operating Coils

Maximum Horsepower Ratings						Maximum Current		Type of Connection	Auxiliary Contacts		Catalog Number	\$ Price
1 Ø		3 Ø				Inductive AC3 (A)	Resistive AC1 (A)		N.O.	N.C.		
115 V hp	230 V hp	200 V hp	230 V hp	460 V hp	575 V hp							
0.5	1.5	1.5	1.5	3	3	6	15	Screw-clamp	1	—	LC1K0610 ▲ ■	57.
									—	1	—	LC1K0601 ▲ ■
0.5	1.5	2	3	5	5	9	20	Screw-clamp	1	—	LC1K0910 ▲ ■	75.
									—	1	—	LC1K0901 ▲ ■
0.5	1.5	3	3	7.5	10	12	20	Screw-clamp	1	—	LC1K1210 ▲ ■	86.
									—	1	—	LC1K1201 ▲ ■



LC1K09●

Table 18.87: Coil Voltage Codes for AC Contactors

Up to and including 240 V coil with integral suppression device available. Add 2 to the code required (for example, J72). Price adder \$10.00.

Vac 50/60 Hz	12	24	42	48	110	120	127	200/208	220/230	230	230/240	277	380/400	400/415	440	480	660/690
Code	J7	B7	D7	E7	F7	G7	FC7	L7	M7	P7	U7	UE7	Q7	N7	R7	T7	Y7

Table 18.88: DC Operating Coils

0.5	1.5	1.5	1.5	3	3	6	15	Screw-clamp	1	—	LP1K0610 ▲ ■	75.
									—	1	—	LP1K0601 ▲ ■
0.5	1.5	2	3	5	5	9	20	Screw-clamp	1	—	LP1K0910 ▲ ■	92.
									—	1	—	LP1K0901 ▲ ■
0.5	1.5	3	3	7.5	10	12	20	Screw-clamp	1	—	LP1K1210 ▲ ■	106.
									—	1	—	LP1K1201 ▲ ■

- ▲ See Table 18.89: For TeSys K contactors with spring terminal clamps, add a 3 before the coil voltage code (for example, LC1K06103G7). For TeSys K contactors with solder pin terminals, add a 5 before the coil voltage code (for example, LC1K09105B7). For TeSys K contactors with slip-on terminals, add a 7 before the coil voltage code (for example, LC1K12107M7).
- Complete the catalog number with the appropriate coil voltage code (for example, LC1K0610G7).

Table 18.89: Coil Voltage Codes for DC Contactors

Coil with integral suppression device available. Add 3 to the code required (for example, JD3). Price adder \$10.00 ▲

Vdc	12	20	24	36	48	60	72	100	110	125	200	220	230	240	250
Code	JD	ZD	BD	CD	ED	ND	SD	KD	FD	GD	LD	MD	MPD	MUD	UD

- ▲ 3 W inrush.

Table 18.90: DC—Low Consumption Operating Coils (devices have built-in transient suppression)

0.5	1.5	1.5	1.5	3	3	6	15	Screw-clamp	1	—	LP4K0610 ▲ ■	92.
									—	1	—	LP4K0601 ▲ ■
0.5	1.5	2	3	5	5	9	20	Screw-clamp	1	—	LP4K0910 ▲ ■	110.
									—	1	—	LP4K0901 ▲ ■
0.5	1.5	3	3	7.5	10	12	20	Screw-clamp	1	—	LP4K1210 ▲ ■	126.
									—	1	—	LP4K1201 ▲ ■

- ▲ See Table 18.91: For TeSys K contactors with spring terminal clamps, add a 3 before the coil voltage code (for example, LC1K06103G7). For TeSys K contactors with solder pin terminals, add a 5 before the coil voltage code (for example, LC1K09105B7). For TeSys K contactors with slip-on terminals, add a 7 before the coil voltage code (for example, LC1K12107M7).
- Complete the catalog number with the appropriate coil voltage code (for example, LC1K0610G7).

Table 18.91: Coil Voltage Codes for DC Contactors—Low Consumption ▲

Vdc	12	24	48	72
Code	JW3	BW3	EW3	SW3

- ▲ 1.8 inrush sealed.

Table 18.92: Overload Relays for 3-Pole Contactors with Screw-Clamp Terminals

Class 10, Relay setting range—A	Catalog Number	\$ Price
0.1 to 0.16	LR2K0301	59.
0.16 to 0.23	LR2K0302	59.
0.23 to 0.36	LR2K0303	59.
0.36 to 0.54	LR2K0304	59.
0.54 to 0.8	LR2K0305	59.
0.8 to 1.2	LR2K0306	59.
1.2 to 1.8	LR2K0307	59.
1.8 to 2.6	LR2K0308	59.
2.6 to 3.7	LR2K0310	59.
3.8 to 5.5	LR2K0312	59.
5.5 to 8	LR2K0314	59.
8 to 11.5	LR2K0316	59.
10 to 14	LR2K0321	59.

LR2K overload relays:

- AC or DC protection
- Ambient compensated bimetallic
- Class 10
- Single phase sensitivity
- Manual or auto reset
- Full load current dial

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Dimensions page 18-49



LP4K09●



LR2K0316

UL E164862
CCN NLDX
(screw terminals)

SF LR43364
Class 3211 04

RU E164862
CCN NLDX2
(slip-on & solder-pin terminals)



Table 18.178: TeSys K Contactor Dimensions

<p>LR2K Direct mounting under the contactor</p>	<p>Separate mounting with LA7-K0064 terminal block on 35 mm rail (AM1DP200 or AM1DE200)</p>
<p>Three-phase</p>	<p>Wiring Scheme</p>
<p>LC1, LP1, LP4K Mini-contactors On baseplate</p>	<p>LC2, LC8, LP2, LP5K Reversing mini-contactors On baseplate</p>
<p>On AM1DP200 or DE200 rail (35 mm)</p>	<p>On AM1DP200 or DE200 rail (35 mm)</p>
<p>On printed circuit board</p>	<p>On printed circuit board for reversing contactors or 2 mini-contactors side-by-side</p>
<p>LA2KT Electronic time delay contact blocks</p>	<p>On mini-contactors or reversing mini-contactors</p>
<p>Dual Dimensions: INCHES Millimeters</p>	