

3-Pole Non-Reversing Mini-Contactors

Table 18.82: AC operating coils

Maximum Horsepower Ratings						Maximum Current		Type of Connection	Auxiliary Contacts		Catalog Number	\$ Price
1 Ø		3 Ø				Inductive AC3 Amperes	Resistive AC1 Amperes		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 —	— 1	LC1K0610 ▲ ■ LC1K0601 ▲ ■	57. 57.
0.5	1.5	2	3	5	5	9	20	Screw-clamp	1 —	— 1	LC1K0910 ▲ ■ LC1K0901 ▲ ■	75. 75.
0.5	1.5	3	3	7.5	10	12	20	Screw-clamp	1 —	— 1	LC1K1210 ▲ ■ LC1K1201 ▲ ■	86. 86.



LC1K0610G7

Table 18.83: Coil voltage codes for AC contactors

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

Volts AC 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



LP1K0610

Table 18.84: DC operating coils

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

Table 18.85: Coil voltage codes for DC contactors

Coil with integral suppression device available. Add 3 to the code required. Example JD3. Price adder \$10.00.

Volts DC	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



LP4K06105

Table 18.86: 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 —	— 1	LP4K0610 ▲ ■ LP4K0601 ▲ ■	92. 92.
0.5	1.5	2	3	5	5	9	20	Screw-clamp	1 —	— 1	LP4K0910 ▲ ■ LP4K0901 ▲ ■	110. 110.
0.5	1.5	3	3	7.5	10	12	20	Screw-clamp	1 —	— 1	LP4K1210 ▲ ■ LP4K1201 ▲ ■	126. 126.

Table 18.87: Coil voltage codes for DC contactors—Low consumption

Volts DC	12	24	48	72
Code	JW3	BW3	EW3	SW3

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

Table 18.88: 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



LR2K0316

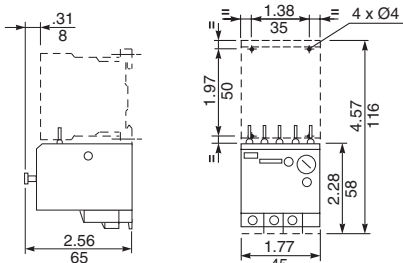
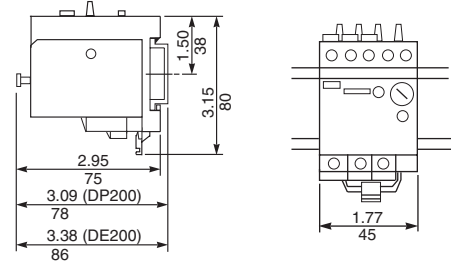
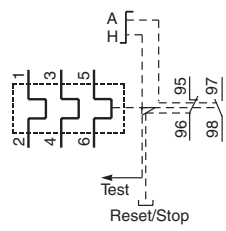
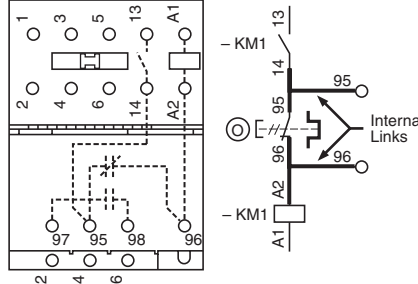
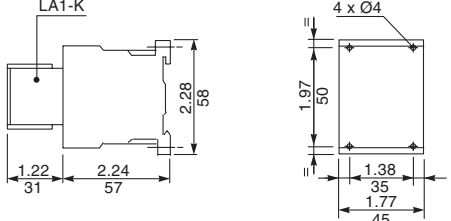
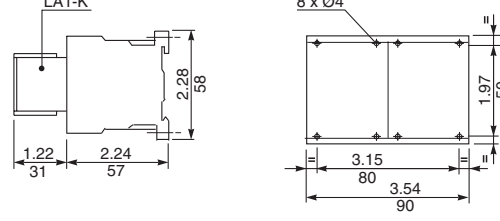
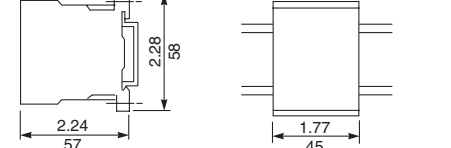
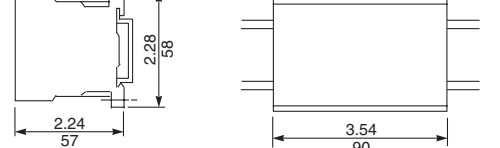
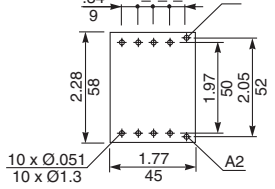
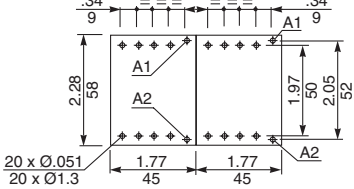

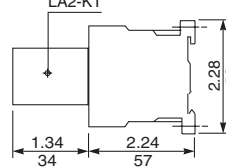
UL E164862  
CCN NLDX  
(screw terminals)

SF LR43364  
Class 3211 04

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

CE

Accessories ..... page 18-27  
Dimensions ..... page 18-49

<p><b>LR2K</b> Direct mounting under the contactor</p>	<p>Separate mounting with LA7-K0064 terminal block on 35 mm <math>\tau</math> rail (AM1DP200 or AM1DE200)</p>
 <p>Dimensions for LR2K direct mounting: 65 mm width, 2.56 mm height, 1.38 mm terminal offset, 4 x Ø4 mounting holes, 1.97 mm terminal pitch, 50 mm terminal length, 4.57 mm total height, 1.77 mm terminal offset, 2.28 mm terminal length, 45 mm terminal width.</p>	 <p>Dimensions for LR2K separate mounting: 86 mm width, 3.09 mm (DP200) terminal offset, 3.38 mm (DE200) terminal offset, 2.95 mm terminal offset, 75 mm terminal length, 1.50 mm terminal length, 38 mm terminal length, 3.15 mm terminal length, 80 mm terminal length, 1.77 mm terminal offset, 45 mm terminal width.</p>
<p>Three-phase</p>  <p>Test Reset/Stop</p>	<p>Wiring Scheme</p>  <p>Internal Links</p>
<p><b>LC1, LP1, LP4K</b> mini-contactors On baseplate</p>	<p><b>LC2, LC8, LP2, LP5K</b> reversing mini-contactors On baseplate</p>
 <p>Dimensions for LC1, LP1, LP4K on baseplate: 58 mm height, 1.22 mm terminal offset, 2.24 mm terminal length, 31 mm terminal width, 57 mm terminal width, 1.97 mm terminal pitch, 50 mm terminal length, 4 x Ø4 mounting holes, 1.38 mm terminal offset, 35 mm terminal length, 1.77 mm terminal offset, 45 mm terminal width.</p>	 <p>Dimensions for LC2, LC8, LP2, LP5K on baseplate: 58 mm height, 1.22 mm terminal offset, 2.24 mm terminal length, 31 mm terminal width, 57 mm terminal width, 8 x Ø4 mounting holes, 1.97 mm terminal pitch, 50 mm terminal length, 3.15 mm terminal offset, 80 mm terminal length, 3.54 mm terminal length, 90 mm terminal width.</p>
<p>On AM1DP200 or DE200 rail (<math>\tau</math> 35 mm)</p>	<p>On AM1DP200 or DE200 rail (<math>\tau</math> 35 mm)</p>
 <p>Dimensions for LC1, LP1, LP4K on PCB: 58 mm height, 2.24 mm terminal length, 57 mm terminal width, 1.77 mm terminal offset, 45 mm terminal width.</p>	 <p>Dimensions for LC2, LC8, LP2, LP5K on PCB: 58 mm height, 2.24 mm terminal length, 57 mm terminal width, 3.54 mm terminal length, 90 mm terminal width.</p>
<p>On printed circuit board</p>	<p>On printed circuit board for reversing contactors or 2 mini-contactors side-by-side</p>
 <p>Dimensions for LC1, LP1, LP4K on PCB with terminals: 58 mm height, 2.28 mm terminal length, 56 mm terminal length, 1.97 mm terminal pitch, 50 mm terminal length, 2.05 mm terminal length, 52 mm terminal length, 1.77 mm terminal offset, 45 mm terminal width, 10 x Ø0.051 terminals, 10 x Ø1.3 terminals, 0.34 mm terminal offset, 9 mm terminal length, A1, A2 terminals.</p>	 <p>Dimensions for LC2, LC8, LP2, LP5K on PCB with terminals: 58 mm height, 2.28 mm terminal length, 56 mm terminal length, 1.97 mm terminal pitch, 50 mm terminal length, 2.05 mm terminal length, 52 mm terminal length, 1.77 mm terminal offset, 45 mm terminal width, 20 x Ø0.051 terminals, 20 x Ø1.3 terminals, 0.34 mm terminal offset, 9 mm terminal length, A1, A2 terminals.</p>
<p><b>Table 18.163:</b></p>	
<p><b>LA2KT</b> Electronic time delay contact blocks</p>	<p>On mini-contactors or reversing mini-contactors</p>
 <p>Dimensions for LA2KT on PCB: 1.34 mm terminal offset, 34 mm terminal length, 1.50 mm terminal offset, 38 mm terminal length, 1.06 mm terminal offset, 27 mm terminal length.</p> <p>Dual Dimensions: <b>INCHES</b> Millimeters</p>	 <p>Dimensions for LA2KT on baseplate: 58 mm height, 1.34 mm terminal offset, 2.24 mm terminal length, 34 mm terminal width, 57 mm terminal width.</p>