

# Lighting and Heating Control

## Electrically Held Lighting Contactors

*General*

### Features

- Compact Design
- Silver Cadmium Oxide Contacts
- Pressure Type Terminals
- Straight Thru Wiring
- Wide Variety of Contact Configurations
- 12-Poles Maximum
- Available From 20 Amps–400 Amps  
Up to 12-Poles 20, 30 and 60 Amps  
3-Poles On 100–400 Amps
- Full Line of Enclosures  
NEMA 1  
NEMA 3R/12  
NEMA 4/4X (Stainless Steel)
- Available In Combination Form with  
Choice of:
  - Fusible Disconnect
  - Non-Fusible Disconnect
  - Circuit Breaker
- All Combination Lighting Contactors  
are UL Service Entrance Listed
- Full Line of Factory And Field  
Modifications
- UL Listed Files #E14900
- CSA Certified File LR 6535

### Application

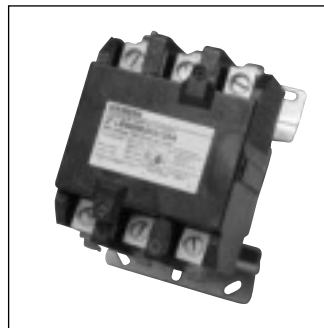
Siemens electrically held lighting contactors provide a safe, convenient means of local or remote switching for tungsten and ballast lamp loads, mercury arc lamps, and 3-phase resistive heating.

Class LE electrically held lighting and heating contactors are used in applications where it is not critical that the contacts remain in the closed position during loss of control power.

These lighting contactors are rated at 480V Tungsten, 600V Ballast. They are available in 2–12 poles with a variety of NO and NC contact arrangements.

Typical applications include:


- Industrial and Commercial Buildings
- Stadiums
- Airports
- Non-Critical Resistive Heaters and  
other Non-Inductive Loads



# Lighting and Heating Control

## Electrically Held Lighting Contactors, Class LE

Selection

	<b>Ordering Information</b> <ul style="list-style-type: none"> <li>▶ Replace the *** with a number from the coil table.</li> <li>▶ Field modifications see page 16-79.</li> <li>▶ Factory modification kits see page 16-94.</li> <li>▶ Dimensions see page 16-110 open page 16-128 enclosed.</li> <li>▶ Wiring Diagrams see page 16-144.</li> <li>▶ Replacement parts see page 16-158.</li> </ul>	<b>Coil Table</b> <table border="1"> <thead> <tr> <th>60Hz Voltage</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>24</td><td>024</td></tr> <tr><td>120</td><td>120</td></tr> <tr><td>208</td><td>208</td></tr> <tr><td>240</td><td>240</td></tr> <tr><td>277</td><td>277</td></tr> <tr><td>480</td><td>480</td></tr> <tr><td>600</td><td>600</td></tr> </tbody> </table>	60Hz Voltage	Number	24	024	120	120	208	208	240	240	277	277	480	480	600	600
	60Hz Voltage	Number																
24	024																	
120	120																	
208	208																	
240	240																	
277	277																	
480	480																	
600	600																	

### Open and Non-combination Enclosed Contactors

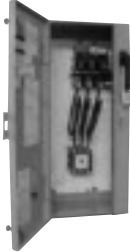
Max. Amp Rating	Number of Poles	Normally Closed Contacts	Normally Open Contacts	Open Type		NEMA 1 General Purpose		NEMA 12 NEMA 3/3R <sup>①</sup> Industrial Use Weatherproof		NEMA 4/4X Stainless Steel <sup>①</sup> Watertight, Dust-tight, Corrosion Resistant, 304 Stainless Steel	
				Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
20	2	0	2	LEN00B200***A	242.00	LEN01B200***A	268.00	LEN02B200***A	414.00	LEN04B200***A	554.00
				LEN00B002***A	242.00	LEN01B002***A	268.00	LEN02B002***A	414.00	LEN04B002***A	554.00
	3	0	3	LEN00B300***A	268.00	LEN01B300***A	293.00	LEN02B300***A	440.00	LEN04B300***A	651.00
				LEN00B003***A	268.00	LEN01B003***A	293.00	LEN02B003***A	440.00	LEN04B003***A	651.00
	4	4	0	LEN00B400***A	344.00	LEN01B400***A	371.00	LEN02B400***A	517.00	LEN04B400***A	728.00
				LEN00B202***A	344.00	LEN01B202***A	371.00	LEN02B202***A	517.00	LEN04B202***A	728.00
		1	3	LEN00B103***A	344.00	LEN01B103***A	371.00	LEN02B103***A	517.00	LEN04B103***A	728.00
				LEN00B004***A	344.00	LEN01B004***A	371.00	LEN02B004***A	517.00	LEN04B004***A	728.00
	6	2	4	LEN00B204***A	448.00	LEN01B204***A	534.00	LEN02B204***A	621.00	LEN04B204***A	758.00
				LEN00B006***A	448.00	LEN01B006***A	534.00	LEN02B006***A	621.00	LEN04B006***A	758.00
	8	4	4	LEN00B404***A	612.00	LEN01B404***A	698.00	LEN02B404***A	784.00	LEN04B404***A	925.00
				LEN00B206***A	612.00	LEN01B206***A	698.00	LEN02B206***A	784.00	LEN04B206***A	925.00
0		8	LEN00B008***A	612.00	LEN01B008***A	698.00	LEN02B008***A	784.00	LEN04B008***A	925.00	
	4		5	LEN00B405***A	664.00	LEN01B405***A	750.00	LEN02B405***A	853.00	LEN04B405***A	976.00
2		7		LEN00B207***A	664.00	LEN01B207***A	750.00	LEN02B207***A	853.00	LEN04B207***A	976.00
	0		9	LEN00B009***A	664.00	LEN01B009***A	750.00	LEN02B009***A	853.00	LEN04B009***A	976.00
10		4		6	LEN00B406***A	715.00	LEN01B406***A	801.00	LEN02B406***A	919.00	LEN04B406***A
	LEN00B208***A		715.00		LEN01B208***A	801.00	LEN02B208***A	919.00	LEN04B208***A	1028.00	
	0	10	LEN00B010***A	715.00	LEN01B010***A	801.00	LEN02B010***A	919.00	LEN04B010***A	1028.00	
4			8	LEN00B408***A	819.00	LEN01B408***A	905.00	LEN02B408***A	1022.00	LEN04B408***A	1147.00
	2	10		LEN00B210***A	819.00	LEN01B210***A	905.00	LEN02B210***A	1022.00	LEN04B210***A	1147.00
0			12	LEN00B012***A	819.00	LEN01B012***A	905.00	LEN02B012***A	1022.00	LEN04B012***A	1147.00
	30 <sup>②</sup>	0		3	LEN00C003***A	293.00	LEN01C003***A	310.00	LEN02C003***A	462.00	LEN04C003***A
LEN00C006***A			603.00		LEN01C006***A	621.00	LEN02C006***A	793.00	LEN04C006***A	991.00	
LEN00C009***A			914.00		LEN01C009***A	930.00	LEN02C009***A	1120.00	LEN04C009***A	1400.00	
LEN00C012***A			1223.00		LEN01C012***A	1240.00	LEN02C012***A	1430.00	LEN04C012***A	1788.00	
60 <sup>②</sup>	0	3	LEN00D003***A	534.00	LEN01D003***A	621.00	LEN02D003***A	861.00	LEN04D003***A	1293.00	
			LEN00D006***A	1154.00	LEN01D006***A	1240.00	LEN02D006***A	1644.00	LEN04D006***A	2140.00	
			LEN00D009***A	1774.00	LEN01D009***A	1861.00	LEN02D009***A	2305.00	LEN04D009***A	2995.00	
			LEN00D012***A	2395.00	LEN01D012***A	2481.00	LEN02D012***A	3004.00	LEN04D012***A	3904.00	
100	3	0	3	LEN00E003***A	861.00	LEN01E003***A	1033.00	LEN02E003***A	1309.00	LEN04E003***A	1981.00
200	3	0	3	LEN00F003***A	2067.00	LEN01F003***A	2430.00	LEN02F003***A	3231.00	LEN04F003***A	4036.00
300	3	0	3	LEN00G003***A	4506.00	LEN01G003***A	5168.00	LEN02G003***A	7431.00	LEN04G003***A	8133.00
400	3	0	3	LEN00H003***A	12578.00	LEN01H003***A	14232.00	LEN02H003***A	17635.00	LEN04H003***A	19616.00

① For conduit hubs and conversion instructions, see page 16-87.  
 ② Can be field assembled. Order mounting kit 49MCMPPMA and required number of contactors.  
 Example, 3, three pole contactors and 1 mounting plate for a 9-pole open assembly.

# Lighting and Heating Control

## Combination Electrically Held Lighting Contactors, Class LE

Selection

	Ordering Information	Coil Table	
	<ul style="list-style-type: none"> <li>▶ Replace the *** with a number from the coil table.</li> <li>▶ Field modification kits see page 16-79.</li> <li>▶ Factory modifications see page 16-94.</li> <li>▶ Dimensions see page 16-128.</li> <li>▶ Wiring Diagrams see page 16-144.</li> <li>▶ Replacement parts see page 16-155.</li> </ul>	60Hz Voltage	Number
		24	024
	120	120	
	208	208	
	240	240	
	277	277	
	480	480	
	600	600	

### Combination Lighting Contactors

Disconnect Type	Max. Amp Rating	Number of NO Poles	Disc Amp Rating	Disc Amp/Fuse Clip Rating	Circuit Breaker Rating	NEMA 1 General Purpose		NEMA 12, NEMA 3/3R <sup>①</sup> NEMA 4 Painted (thru 100 amps) Industrial Use Weatherproof, Watertight, Dust-tight		NEMA 4/4X Stainless Steel <sup>①</sup> Watertight, Dust-tight, Corrosion Resistant 304 Stainless Steel	
						Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
Non-Fusible	20	3	30A	—	—	LEDB1B003***A	768.00	LEDB2B003***A	855.00	LEDB4B003***A	1512.00
	30	3	30A	—	—	LEDB1C003***A	784.00	LEDB2C003***A	991.00	LEDB4C003***A	1612.00
	60	3	60A	—	—	LEDD1D003***A	1233.00	LEDD2D003***A	1526.00	LEDD4D003***A	2507.00
	100	3	100A	—	—	LEDF1E003***A	2051.00	LEDF2E003***A	2430.00	LEDF4E003***A	4272.00
	200	3	200A	—	—	LEDH1F003***A	4006.00	LEDH2F003***A	5057.00	LEDH4F003***A	6849.00
	300	3	400A	—	—	LEDK1G003***A	8408.00	LEDK2G003***A	10958.00	LEDK4G003***A	15662.00
Fusible	20	3	—	30A/250V	—	LEFA1B003***A	793.00	LEFA2B003***A	880.00	LEFA4B003***A	1512.00
		3	—	30A/600V	—	LEFB1B003***A	810.00	LEFB2B003***A	898.00	LEFB4B003***A	1529.00
	30	3	—	30A/250V	—	LEFA1C003***A	810.00	LEFA2C003***A	1016.00	LEFA4C003***A	1637.00
		3	—	30A/600V	—	LEFB1C003***A	827.00	LEFB2C003***A	1033.00	LEFB4C003***A	1654.00
	60	3	—	60A/250V	—	LEFC1D003***A	1266.00	LEFC2D003***A	1559.00	LEFC4D003***A	2542.00
		3	—	60A/600V	—	LEFD1D003***A	1293.00	LEFD2D003***A	1586.00	LEFD4D003***A	2567.00
	100	3	—	100A/250V	—	LEFE1E003***A	2137.00	LEFE2E003***A	2516.00	LEFE4E003***A	4359.00
		3	—	100A/600V	—	LEFF1E003***A	2180.00	LEFF2E003***A	2559.00	LEFF4E003***A	4403.00
	200	3	—	200A/250V	—	LEFG1F003***A	4152.00	LEFG2F003***A	5203.00	LEFG4F003***A	6996.00
		3	—	200A/600V	—	LEFH1F003***A	4186.00	LEFH2F003***A	5237.00	LEFH4F003***A	7030.00
	300	3	—	400A/250V	—	LEFJ1G003***A	8650.00	LEFJ2G003***A	11199.00	LEFJ4G003***A	15903.00
		3	—	400A/600V	—	LEFK1G003***A	8718.00	LEFK2G003***A	11269.00	LEFK4G003***A	15972.00
Circuit Breaker	20	3	—	—	20A	LEBT1B003***A	1077.00	LEBT2B003***A	1164.00	LEBT4B003***A	1796.00
	30	3	—	—	30A	LEBV1C003***A	1094.00	LEBV2C003***A	1301.00	LEBV4C003***A	1922.00
	60	3	—	—	60A	LEBY1D003***A	1533.00	LEBY2D003***A	1826.00	LEBY4D003***A	2809.00
	100	3	—	—	100A	LEBZ1E003***A	2214.00	LEBY2D003***A	1826.00	LEBZ4E003***A	4437.00

① For conduit hubs and conversion instructions, see page 16-87.