

Features

- 30 A fluorescent lighting rating, 20 A tungsten lighting rating
- Electrically and mechanically held
- 2 through 12-pole versions
- Field-convertible contacts with N.O. and N.C. indicators (8 N.C. contacts maximum [1])
- Silver-Cadmium-Oxide double break contacts

NOTE: When ordering contactors with more than 8 poles, the catalog number configuration is the number of normally open contacts followed by a 0 and then the number of normally closed contacts (i.e. for 4 N.O. and 6 N.C. on a 10-pole contactor, order 8903LG406V02).

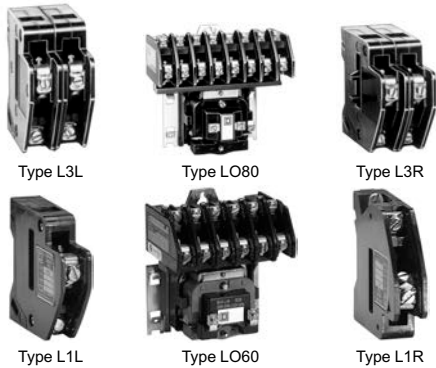


File E78427
CCN NRNT
File LR60905
Class 3211 07

Table 16.218: Multipole Lighting Contactors (50–60 Hz) (replace ●●● with the voltage code)

Contact Ampere Ratings	No. of Poles	NEMA 1 General Purpose Enclosure	NEMA 1 Flush Mounting General Purpose Enclosure with Plaster Adjustment	NEMA 3R Rainproof Enclosure[2]	NEMA 4 & 4X Watertight, Dusttight, and Corrosion-Resistant Glass-Polyester Enclosure	NEMA 4 & 4X Watertight, Dusttight Brushed Stainless Steel Enclosure	NEMA 12/3R[3] Dusttight and Driptight Industrial Use Enclosure	Open Type [4]
		Type [5]	Type [5]	Type [5]	Type [5]	Type [5]	Type [5]	Type [5]
Electrically Held[1]								
30 [5]	2	LG20●●●	LF20●●●	LH20●●●	LWW20●●●	LW20●●●	LA20●●●	LO20●●●
	3	LG30●●●	LF30●●●	LH30●●●	LWW30●●●	LW30●●●	LA30●●●	LO30●●●
	4	LG40●●●	LF40●●●	LH40●●●	LWW40●●●	LW40●●●	LA40●●●	LO40●●●
	6	LG60●●●	LF60●●●	LH60●●●	LWW60●●●	LW60●●●	LA60●●●	LO60●●●
	8	LG80●●●	LF80●●●	LH80●●●	LWW80●●●	LW80●●●	LA80●●●	LO80●●●
	10	LG1000●●●	LF1000●●●	LH1000●●●	LWW1000●●●	LW1000●●●	LA1000●●●	LO1000●●●
	12	LG1200●●●	LF1200●●●	LH1200●●●	LWW1200●●●	LW1200●●●	LA1200●●●	LO1200●●●
Mechanically Held [1] [6]								
30 [5]	2	LXG20●●●	LXF20●●●	—	LXWW20●●●	LXW20●●●	LXA20●●●	LXO20●●●
	3	LXG30●●●	LXF30●●●	—	LXWW30●●●	LXW30●●●	LXA30●●●	LXO30●●●
	4	LXG40●●●	LXF40●●●	—	LXWW40●●●	LXW40●●●	LXA40●●●	LXO40●●●
	6	LXG60●●●	LXF60●●●	—	LXWW60●●●	LXW60●●●	LXA60●●●	LXO60●●●
	8	LXG80●●●	LXF80●●●	—	LXWW80●●●	LXW80●●●	LXA80●●●	LXO80●●●
	10	LXG1000●●●	LXF1000●●●	—	LXWW1000●●●	LXW1000●●●	LXA1000●●●	LXO1000●●●
	12	LXG1200●●●	LXF1200●●●	—	LXWW1200●●●	LXW1200●●●	LXA1200●●●	LXO1200●●●

NOTE: If a holding circuit contact is required for proper operation, order an additional contact.



Power Pole Kits

The kits in Table 16.219 are used to add 30 A power poles to existing Type L contactors when additional circuits are required. Type L lighting contactors come with mounting brackets, so that adder poles may be mounted from the front by a single captive screw. Adder poles come standard with N.O. contacts which are convertible to N.C.

For How to Order Information, see page 16-30.

NOTE: 12 N.C. poles are only available with a 120 V coil (V02).

Table 16.219: Power Poles for Type L or LX

Power Pole Adder Kit[7]		Can Only Be Added to Contactor Type[8]
Class 8903 Type		
Single Pole	L1L	LO60, LXO60, LO80, LXO80, LO1000, LXO1000
	L1R	
Double Pole	L3L	
	L3R	

Table 16.221: How to Order

To Order Specify:		Catalog Number			
• Class Number	• Voltage Code	Class	Type	Voltage Code	Form(s)
• Type Number	• Form(s)	8903	LXG60	VO4	CF4R6

Factory Modifications (Forms): page 16-80

Replacement Coils: page 16-122

Replacement Contacts: page 16-124

Table 16.220: Coil Voltage Codes

Voltage		Code
60 Hz	50 Hz	
24	—	V01
120	110	V02
208	—	V08
240	220	V03
277	—	V04
480	440	V06
Specify	Specify	V99

[1] Factory conversion of N.O. contacts to N.C., order by catalog number (for example, for 6 N.O. and 2 N.C. poles on an 8 pole contactor, order as 8903LG62V02). Versions are available from the factory with up to 12 N.C. poles for Type L (electrically held) or 2, 4, or 6 N.C. poles for Type LX (mechanically held). For field conversion, there is a maximum of eight N.C. poles for Type L (electrically held) and a maximum of six N.C. poles for Type LX (mechanically held) contactors.

[2] Cannot support control transformer Forms.

[3] NEMA 12 enclosures can be field modified for outdoor non-corrosive and non-service entrance rated applications. See page 16-112 for more information.

[4] Separate enclosures are available for these devices. It may be possible to improve delivery by ordering an open type contactor and separate Class 9991 enclosure.

[5] Replace the three bullets (●●●) in the catalog number with the coil voltage code. Refer to the standard voltage codes listed in Table 16.220. All lighting contactors come with separate control as standard.

[6] When ordering Form C on mechanically held devices, you must also include Form R6.

[7] 8903LO (electrically held) devices can accommodate 10 or 12 N.C. contacts use only 120 V 60Hz coils.

[8] LO60 and LXO60: add single-pole kits only, 1 on each side, for converting to 8-pole. To maintain proper operation, the contactor cannot be converted to more than 8 poles.

LO80 and LXO80: use single-pole kits, 1 on each side, for converting to 10-pole and use two-pole kits, 1 on each side, for converting to 12-pole.

LO1000 and LXO1000: remove the existing single-pole kit and install two-pole kits, 1 on each side, for converting to 12-pole.