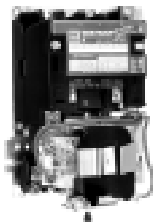


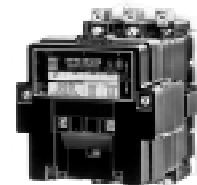
# Lighting Control

## Multipole Lighting Contactors, Type S – Class 8903



### Features

- Electrically and mechanically held
- 30 - 800 Amp lighting ratings
- 2 thru 5 pole versions (5 poles thru 200 Amps)
- UL Listed short-circuit rating up to 100,000 Amperes
- Mixed load ratings (lighting and motor)
- Factory wired controls and clearly marked termination points
- Quick ship on most items in 5-7 days



### Multipole Lighting Contactors – Type S (50-60 Hz)

Contact Ampere Ratings	No. of Poles	NEMA Type 1 General Purpose Enclosure	NEMA Type 1 Flush Mounting General Purpose Enclosure with Plaster Adjustment	NEMA Type 3R Rainproof Enclosure	NEMA Type 4 & 4X Watertight, Dusttight and Corrosion-Resistant Glass-Polyester Enclosure	NEMA Type 4 & 4X▲ Watertight and Dusttight Enclosure	NEMA Type 12‡ Dusttight and Driptight Industrial Use Enclosure	Open Type
		Type	Type	Rainproof Enclosure Type	Type	Type	Type	Type
<b>Electrically Held▼</b>								
30	2	SMG1*	SMF1*	SMH1*	SMW21*	SMW1*	SMA1*	SMO1*●
	3	SMG2*	SMF2*	SMH2*	SMW22*	SMW2*	SMA2*	SMO2*●
	4	SMG3*	SMF3*	SMH3*	SMW23*	SMW3*	SMA3*	SMO3*●
60	2	SPG1*	SPF1*	SPH1*	SPW21*	SPW1*	SPA1*	SPO1*●
	3	SPG2*	SPF2*	SPH2*	SPW22*	SPW2*	SPA2*	SPO2*●
	4	SPG3*	SPF3*	SPH3*	SPW23*	SPW3*	SPA3*	SPO3*●
100	2	SQG1*	SQF1*	SQH1*	SQW21*	SQW1*	SQA1*	SQO1*●
	3	SQG2*	SQF2*	SQH2*	SQW22*	SQW2*	SQA2*	SQO2*●
	4	SQG3*	....	SQH3*	....	SQW3*	SQA3*	SQO3*●
200	2	SVG1*	....	SVH1*	....	SVW1*	SVA1*	SVO1*
	3	SVG2*	....	SVH2*	....	SVW2*	SVA2*	SVO2*
	4	SVG3*	....	....	....	SVW3*	SVA3*	SVO3*
300	2	SXG1*	....	....	....	SXW1*	SXA1*	SXO1*
	3	SXG2*	....	....	....	SXW2*	SXA2*	SXO2*
	4	SYG1*	....	....	....	SYW1*	SYA1*	SYO1*
400■	2	SYG2*	....	....	....	SYW2*	SYA2*	SYO2*
	3	SZG1*	....	....	....	SZW1*	SZA1*	SZO1*
	4	SZG2*	....	....	....	SZW2*	SZA2*	SZO2*
600■	2	SJG1*	....	....	....	SJW1*	SJA1*	SJO1*
	3	SJG2*	....	....	....	SJW2*	SJA2*	SJO2*
	4	....	....	....	....	....	....	....
800■	2	....	....	....	....	....	....	....
	3	....	....	....	....	....	....	....
	4	....	....	....	....	....	....	....
<b>Mechanically Held▼</b>								
30	2	SMG10*	SMF10*	....	SMW31*	SMW10*	SMA10*	SMO10*●
	3	SMG11*	SMF11*	....	SMW32*	SMW11*	SMA11*	SMO11*●
	4	SMG12*	SMF12*	....	SMW33*	SMW12*	SMA12*	SMO12*●
60	2	SPG10*	SPF10*	....	SPW31*	SPW10*	SPA10*	SPO10*●
	3	SPG11*	SPF11*	....	SPW32*	SPW11*	SPA11*	SPO11*●
	4	SPG12*	SPF12*	....	SPW33*	SPW12*	SPA12*	SPO12*●
100	2	SQG10*	SQF10*	....	SQW31*	SQW10*	SQA10*	SQO10*●
	3	SQG11*	SQF11*	....	SQW32*	SQW11*	SQA11*	SQO11*●
	4	SQG12*	....	....	....	SQW12*	SQA12*	SQO12*●
200	2	SVG10*	....	....	....	SVW10*	SVA10*	SVO10*
	3	SVG11*	....	....	....	SVW11*	SVA11*	SVO11*
	4	SVG12*	....	....	....	SVW12*	SVA12*	SVO12*
300	2	SXG13*	....	....	....	SXW13*	SXA13*	SXO13*
	3	SXG14*	....	....	....	SXW14*	SXA14*	SXO14*
	4	SYG16*	....	....	....	SYW16*	SYA16*	SYO16*
400	2	SYG17*	....	....	....	SYW17*	SYA17*	SYO17*
	3	SZG18*	....	....	....	SZW18*	SZA18*	SZO18*
	4	SZG19*	....	....	....	SZW19*	SZA19*	SZO19*
600	2	SJG10*	....	....	....	SJW10*	SJA10*	SJO10*
	3	SJG11*	....	....	....	SJW11*	SJA11*	SJO11*
	4	....	....	....	....	....	....	....
800	2	....	....	....	....	....	....	....
	3	....	....	....	....	....	....	....
	4	....	....	....	....	....	....	....

‡ NEMA Type 12 enclosures may be field modified for outdoor applications or NEMA Type 3R separate enclosures can be ordered. See the Class 9991 Section in Catalog 9999CT9701.  
 ● 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.  
 ▲ NEMA Type 4 & 4X enclosures are brush finished stainless steel for contactors sized 30 Amp thru 300 Amp. Sizes 400 Amp thru 800 Amp are painted sheet steel.  
 For electropolished finish, specify Form G16.  
 ■ Form F4T is provided as standard; include line voltage when ordering. Control voltage is 120-60.  
 \* Voltage code must be specified to order this product. Refer to standard voltage codes below.  
 ▼ All lighting contactors are provided with separate control as standard.

### 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

♦ 24 volt coils are not available for 200 Amp thru 800 Amp devices. Contact local Square D Field Sales Office for additional information.

### Poles for Type S Only

A single-pole or double-pole kit can be added to any 2 or 3 pole 30 or 60 Ampere Type S lighting contactor to make a 4 or 5 pole device. Factory assembled 4 and 5 pole contactors utilize the basic 3 pole device with a single or double-pole kit installed. Only one power pole can be added per contactor. Sufficient room is provided in all enclosure styles for the addition of a power pole kit.

Ampere Rating	Description	Class 9999 Type
30	One N.O.	SB6
	One N.C.	SB7
	One N.O. and One N.C.	SB8
	Two N.O.	SB9
	Two N.C.	SB10
60	One N.O.	SB21
	One N.C.	SB22*
	One N.O. and One N.C.	SB23*
	Two N.O.	SB24*
	Two N.C.	SB25*

\* When power pole is added to 60 A contactor, a 4-pole coil is also required. Order from Coil Table in Catalog 9999CT9701. 60 A power poles are suitable for use with copper or aluminum wire.

