



Selector Worksheet

NEMA Multi-pole Lighting Contactors

Use this worksheet to help identify the part number of the product your customer is looking for. The following questions will guide you to the correct product, and the questions on the back will help determine how to identify the specific part number from Digest 176.

1. What contact ampere rating?

- 30 60 100 200
 300 400 600 800*

*Electrically held only

2. Do you need electrically held or mechanically held?

- Electrically held Mechanically held

3. Is the control circuit wired with 2 or 3 wire control?

- 2 wire 3 wire

4. How many poles do you need?

- 2 poles 3 poles 4 poles 6 poles
 8 poles 10 poles 12 poles

5. What type of enclosure?

- NEMA type 1 (general purpose/indoor) NEMA type 12 (indoor/industrial)
 NEMA type 3R (rainproof) NEMA type 1 flush mount (general purpose/indoor)
 NEMA type 4 and 4X (stainless steel) NEMA type 4X (polyester)

6. What is the coil voltage (control voltage)?

- 24 V 120 V 208 V
 240 V 277 V 480 V

7. What accessories, if any, are needed? (N.O. = normally open; N.C. = normally closed)

- On/off push button Auxiliary contacts
 Hand-off-auto selector switch N.O. (0, 1, 2, 3, 4)
 On pilot light – red (P1) N.C. (0, 1, 2, 3, 4)
 Off pilot light – green (P2) 2-poles relay (two wire control of mechanically held lighting contactor)



How to build or find the part number

Follow the steps below to locate and build the part number you need. Page numbers refer to Schneider Electric's Digest 176. If you don't have a copy of the product catalog, please request one from your local representative or visit www.schneider-electric.us

Step 1: Locate the correct page in the Digest

- 30 A multi-pole (up to 12 poles) lighting contactor – go to page 16-59, Table 16.150
- 30 A heavy duty contactor (up to 5 poles) – go to page 16-60, Table 16.154

Step 2: Locate the class number from the top of the page (this will be a four digit number starting with an "8," e.g. 8903)

Step 3: Locate, within the table the electrically held section or the mechanically held section (electrically held contactors are in the top section, mechanically held are in the bottom section)

Step 4: Match the ampere rating and number of poles from your worksheet to the values in the appropriate column in the Digest (ampere rating is in column one, number of poles is in column two)

Step 5: Follow that row to the right to locate the part number associated with the appropriate enclosure type (the enclosure types are labeled at the top of each column – choose the part number that is in line with the information determined in Step 3)

Step 6: Choose your coil voltage from the bottom of the appropriate page (either Table 16.152 or Table 16.155); (this code will start with a "V")


Step 7: Choose your accessories from the lighting contactor accessory worksheet

Below is the format your part number should take:

8903	L or LX _____	_____	_____	V_____	_____	
Class number	Contactor type	Enclosure type	Number of poles	Coil voltage	Form options (accessories)	
8903	S _____	_____	_____	V_____	_____	
Class number	Contactor type	Ampereage	Enclosure type	Number of poles	Coil voltage	Form options (accessories)

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