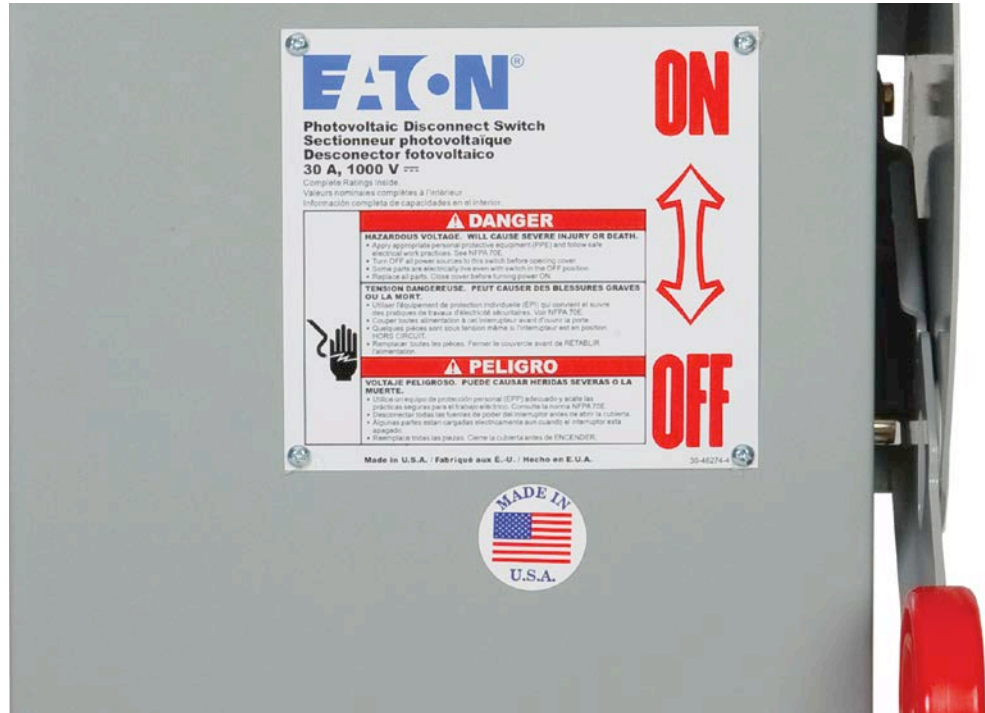


# Safety switch renewal parts



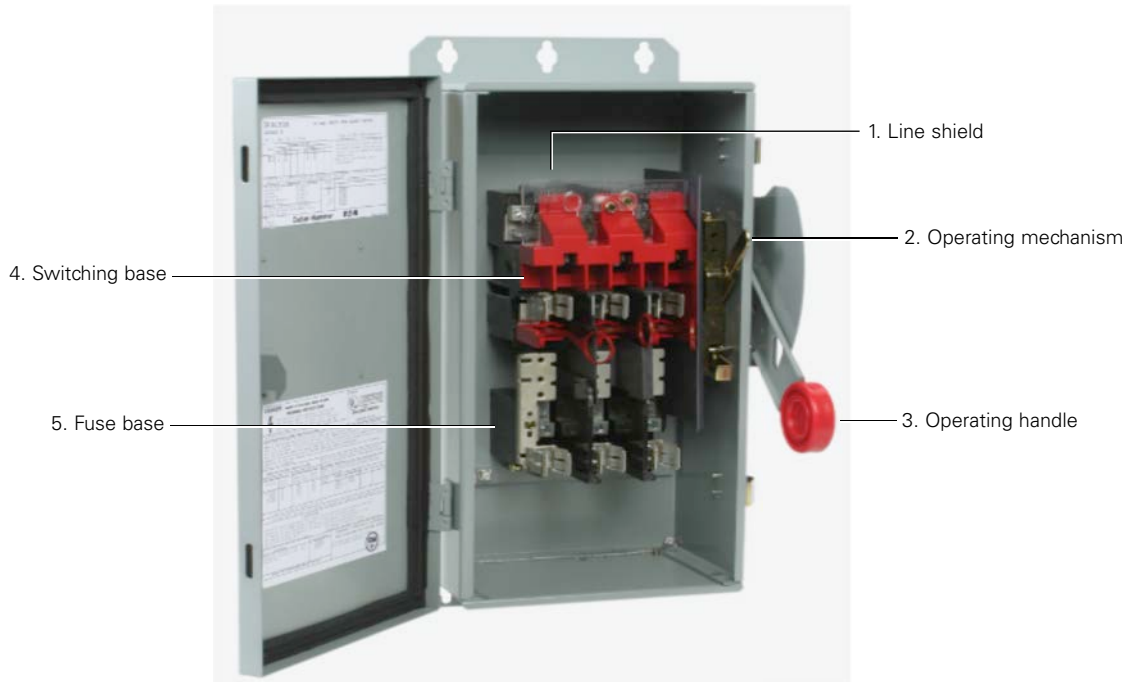
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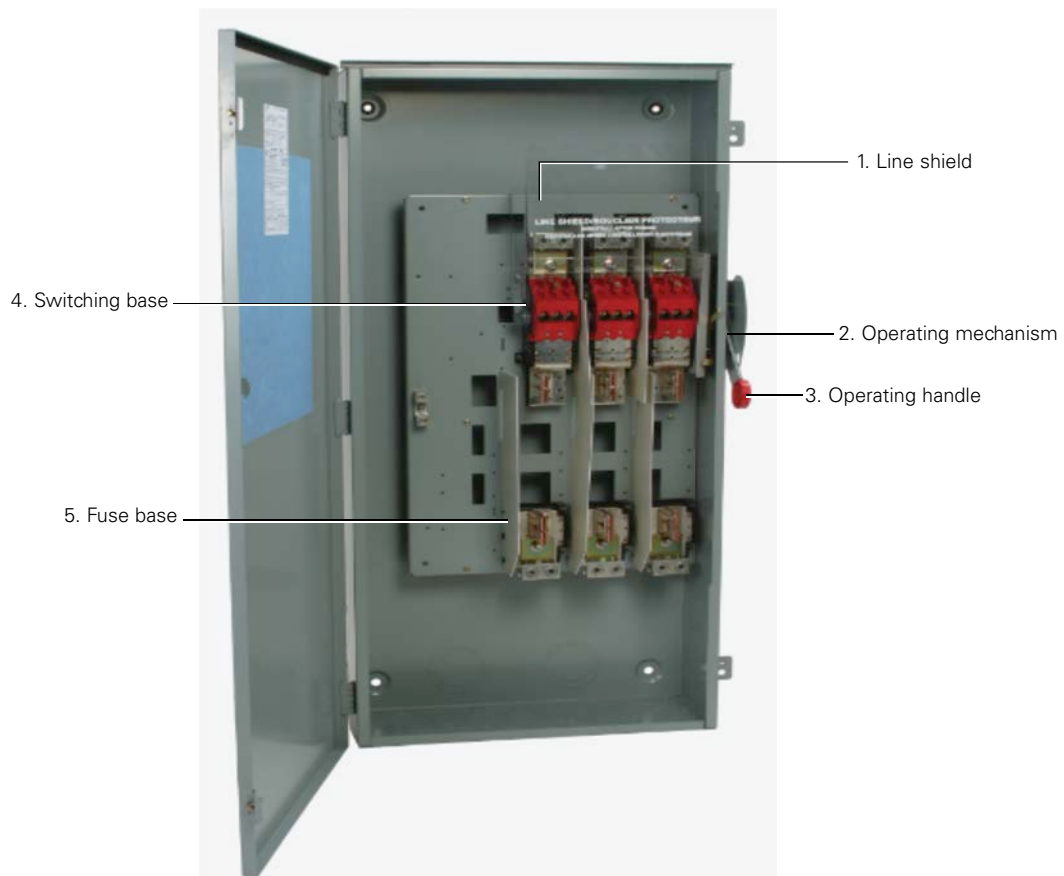


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## Heavy-duty switch



30/60/100 A heavy-duty switch



200-1200 A heavy-duty safety switch

**Table 1. Line shield**

| Switch ampere rating                      | Part number |
|---|-------------|
| <b>General-duty two- and three-pole</b>   |             |
| 400                                       | 70-8063-8   |
| 600                                       | 70-8064-8   |
| <b>Heavy-duty two- and three-pole ①</b>   |             |
| 30–60                                     | 70-7758-34  |
| 100                                       | 70-7758-35  |
| 200                                       | 70-7759-11  |
| 400                                       | 70-8063-8   |
| 600–800                                   | 70-8064-8   |
| 1200                                      | 70-8453-4   |
| <b>Double-throw two- and three-pole ②</b> |             |
| 30–100                                    | 70-7758-35  |
| 200                                       | 70-7759-11  |
| 400                                       | 70-8063-8   |
| 600                                       | 70-8064-8   |

① Two used for four- and six-pole configurations.

② Two used per switch.

**Note:** 30–200 A general-duty switches do not have line shields installed as standard from the factory.



30–100 A line shield

200–1200 A line shield

**Table 2. Operating mechanism**

| Switch ampere rating             | NEMA rating        | Part number |
|----------------------------------|--------------------|-------------|
| <b>Heavy-duty switches</b>       |                    |             |
| 30–100 ①                         | NEMA® 1/3R/12/4X   | 70-7813     |
| 200                              | NEMA 1/3R/12/4X    | 70-7833-4   |
| 400                              | NEMA 1/3R/12/4X    | 70-7833-5   |
| 600–800                          | NEMA 1/3R/12/4X    | 70-7833-6   |
| <b>Stainless steel mechanism</b> |                    |             |
| 30–100 ①                         | NEMA 4X Enviroline | 70-8304     |
| 200                              | NEMA 4X Enviroline | 70-8305     |
| 400                              | NEMA 4X Enviroline | 70-8305-2   |

① For internal window replacement mechanisms, see **Table 6**.

**Note:** Replacement mechanisms are not available for general-duty or double-throw switches.



30–100 A operating mechanism

200–1200 A operating mechanism

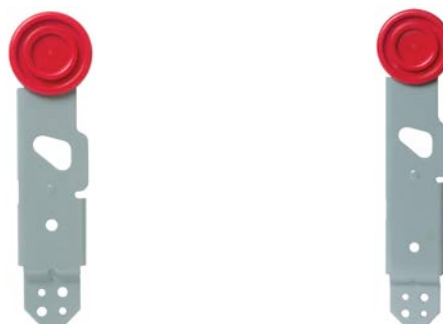
**Table 3. Operating handle**

| Switch ampere rating         | NEMA rating     | Part number |
|------------------------------|-----------------|-------------|
| <b>General-duty switches</b> |                 |             |
| 200–600                      | NEMA 1 and 3R   | 70-7833-2   |
| <b>Heavy-duty switches</b>   |                 |             |
| 30–100 ①                     | NEMA 1/3R/12    | 70-7813-2   |
| 30–100                       | NEMA 4X         | 70-7813-3   |
| 200–800                      | NEMA 1/3R/12    | 70-7833-2   |
| 200–800                      | NEMA 4X         | 70-7833-3   |
| 1200 ②                       | Consult factory |             |

① For internal window replacement handles, see **Table 6**.

② No replacement handles available for the flange style handle on 1200 A switches manufactured prior to 2015.

**Note:** Replacement handles are not available for general-duty or double-throw switches.



30–100 A operating handle

200–1200 A operating handle



30-100 A switching base



200-1200 A switching base



30-100 A fuse base



200-1200 A fuse base

**Table 4. Heavy-duty fusible switches**

| Amperes                 | NEMA rating    | 4. Switching base | 5. Fuse base |
|-------------------------|----------------|-------------------|--------------|
| <b>Two-pole 240 V</b>   |                |                   |              |
| 30                      | All            | 70-7758-16        | 70-7758-29   |
| 60                      | All            | 70-7758-36        | 70-7997-4    |
| 100                     | All            | 70-7758-7         | 70-7758-23   |
| 200                     | NEMA 1 and 3R  | 70-8266-3         | 70-7820-4 ①  |
| 200                     | NEMA 4X and 12 | 70-7759-7         | 70-7759-4 ①  |
| 400                     | All            | 70-8063-3         | 70-8063-7 ①  |
| 600                     | All            | 70-8064-3         | 70-8064-7 ①  |
| 800                     | All            | 70-8065-3         | 70-8065-7 ①  |
| <b>Three-pole 240 V</b> |                |                   |              |
| 30                      | All            | 70-7758-14        | 70-7758-26   |
| 60                      | All            | 70-7997           | 70-7997-5    |
| 100                     | All            | 70-7758-3         | 70-7758-21   |
| 200                     | NEMA 1 and 3R  | 70-8266           | 70-7820-4 ①  |
| 200                     | NEMA 4X and 12 | 70-7759           | 70-7759-4 ①  |
| 400                     | All            | 70-8063-4         | 70-8063-7 ①  |
| 600                     | All            | 70-8064-4         | 70-8064-7 ①  |
| 800                     | All            | 70-8065-4         | 70-8065-7 ①  |
| 1200                    | All            | 70-8821           | 70-8453-3 ①  |
| <b>Two-pole 600 V</b>   |                |                   |              |
| 30                      | All            | 70-7758-17        | 70-7758-30   |
| 60                      | All            | 70-7997-3         | 70-7997-6    |
| 100                     | All            | 70-7558-9         | 70-7558-25   |
| 200                     | NEMA 1 and 3R  | Consult factory   | 70-7820-4 ①  |
| 200                     | NEMA 4X and 12 | Consult factory   | 70-7759-5 ①  |
| 400                     | All            | 70-8063-5         | 70-8063-7 ①  |
| 600                     | All            | 70-8064-5         | 70-8064-7 ①  |
| 800                     | All            | 70-8065-5         | 70-8065-7 ①  |
| <b>Three-pole 600 V</b> |                |                   |              |
| 30                      | All            | 70-7758-12        | 70-7758-27   |
| 60                      | All            | 70-7997-2         | 70-7997-7    |
| 100                     | All            | 70-7758-3         | 70-7758-21   |
| 200                     | NEMA 1 and 3R  | 70-8266           | 70-7820-4 ①  |
| 200                     | NEMA 4X and 12 | 70-7759           | 70-7759-5 ①  |
| 400                     | All            | 70-8063-6         | 70-8063-7 ①  |
| 600                     | All            | 70-8064-6         | 70-8064-7 ①  |
| 800                     | All            | 70-8065-6         | 70-8065-7 ①  |
| 1200                    | All            | 70-8821           | 70-8453-3 ①  |

**Table 4. Heavy-duty fusible switches, continued**

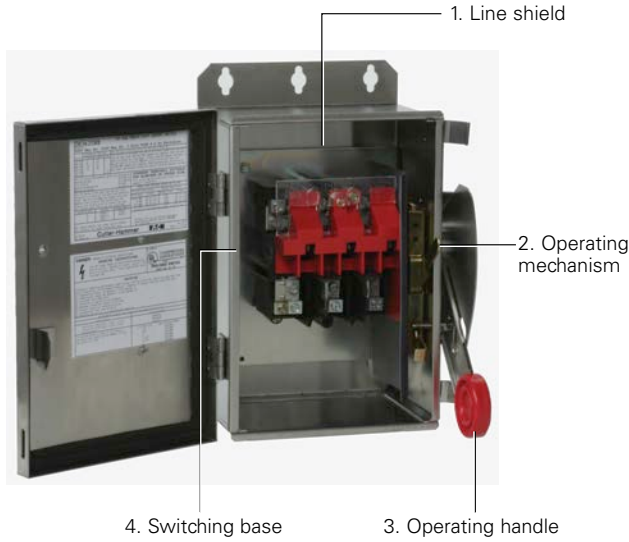
| Amperes                | NEMA rating    | 4. Switching base | 5. Fuse base    |
|------------------------|----------------|-------------------|-----------------|
| <b>Four-pole 240 V</b> |                |                   |                 |
| 30                     | All            | 70-7758-16 ②      | 70-7758-29 ②    |
| 60                     | All            | 70-7758-36 ②      | 70-7997-4 ②     |
| 100                    | All            | 70-7758-7 ②       | 70-7758-23 ②    |
| 200                    | NEMA 1 and 3R  | Consult factory   | 70-7820-4 ①     |
| 200                    | NEMA 4X and 12 | 70-7759-9         | 70-7759-4 ①     |
| 400                    | All            | 70-8270           | 70-8063-7 ①     |
| 600                    | All            | 70-8271           | 70-8064-7 ①     |
| 800                    | All            | Consult factory   | 70-8065-7 ①     |
| <b>Four-pole 600 V</b> |                |                   |                 |
| 30                     | All            | 70-7758-36 ②      | 70-7758-38 ②    |
| 60                     | All            | 70-7997-2 ②       | 70-7758-39 ②    |
| 100                    | All            | 70-7758-7 ②       | 70-7758-23 ②    |
| 200                    | NEMA 1 and 3R  | Consult factory   | 70-7820-4 ①     |
| 200                    | NEMA 4X and 12 | 70-7759-9         | 70-7759-5 ①     |
| 400                    | All            | 70-8270-2         | 70-8063-7 ①     |
| 600                    | All            | 70-8271-2         | 70-8064-7 ①     |
| 800                    | All            | Consult factory   | 70-8065-7 ①     |
| <b>Six-pole 600 V</b>  |                |                   |                 |
| 30                     | All            | 70-7758-12 ②      | 70-7758-27 ②    |
| 60                     | All            | 70-7758-2 ②       | 70-7758-20 ②    |
| 100                    | All            | 70-7758-3 ②       | 70-7758-21 ②    |
| 200                    | NEMA 1 and 3R  | Consult factory   | Consult factory |
| 200                    | NEMA 4X and 12 | Consult factory   | 70-7759-5 ①     |
| 400                    | All            | Consult factory   | 70-8063-7 ①     |
| 600                    | All            | Consult factory   | 70-8064-7 ①     |
| 800                    | All            | Consult factory   | 70-8065-7 ①     |

① Order one per pole.

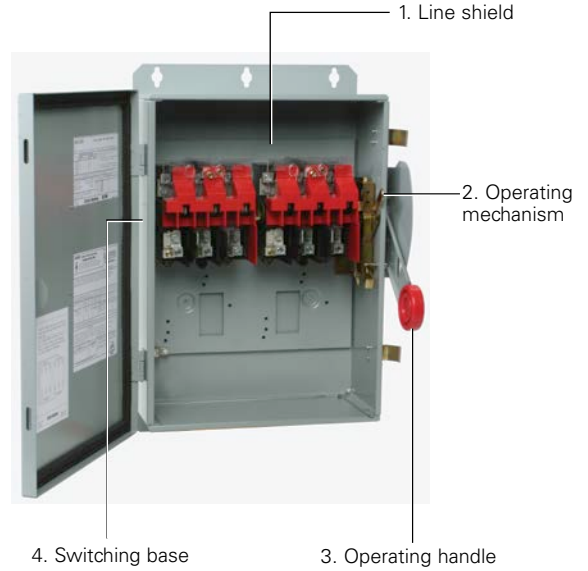
② Order two.

**Note:** General-duty replacement bases are not available.

**Note:** Please contact the TRC for technical questions concerning replacement parts at 1-877-386-2273, option 2 (Technical).



30-100 A heavy-duty non-fusible switch



30-100 A heavy-duty six-pole non-fusible switch

**Table 5. Heavy-duty non-fusible switches**

| Amperes                 | NEMA rating    | 4. Switching base | 5. Lower base ① |
|-------------------------|----------------|-------------------|-----------------|
| <b>Two-pole 600 V</b>   |                |                   |                 |
| 30                      | All            | 70-7758-18        |                 |
| 60                      | All            | 70-7758-18        |                 |
| 100                     | All            | 70-7758-11        |                 |
| 200                     | NEMA 1 and 3R  | 70-8266-2         |                 |
| 200                     | NEMA 4X and 12 | 70-7759-2         | 70-7759-6 ②     |
| 400                     | All            | 70-8063           |                 |
| 600                     | All            | 70-8064           |                 |
| 800                     | All            | 70-8065           |                 |
| <b>Three-pole 600 V</b> |                |                   |                 |
| 30                      | All            | 70-7758-13        |                 |
| 60                      | All            | 70-7758-13        |                 |
| 100                     | All            | 70-7758-5         |                 |
| 200                     | NEMA 1 and 3R  | 70-8266-2         |                 |
| 200                     | NEMA 4X and 12 | 70-7759-2         | 70-7759-6 ②     |
| 400                     | All            | 70-8063-2         |                 |
| 600                     | All            | 70-8064-2         |                 |
| 800                     | All            | 70-8065-2         |                 |
| 1200                    | All            | 70-8820           |                 |

**Table 5. Heavy-duty non-fusible switches, continued**

| Amperes                | NEMA rating    | 4. Switching base | 5. Lower base ① |
|------------------------|----------------|-------------------|-----------------|
| <b>Four-pole 600 V</b> |                |                   |                 |
| 30                     | All            | 70-7758-40        |                 |
| 60                     | All            | 70-7758-41        |                 |
| 100                    | All            | 70-7758-42        |                 |
| 200                    | NEMA 1 and 3R  | Consult factory   |                 |
| 200                    | NEMA 4X and 12 | 70-7759-10        | 70-7759-6 ②     |
| 400                    | All            | 70-8270-3         |                 |
| 600                    | All            | 70-8271-3         |                 |
| <b>Six-pole 600 V</b>  |                |                   |                 |
| 30                     | All            | 70-7758-13 ③      |                 |
| 60                     | All            | 70-7758-13 ③      |                 |
| 100                    | All            | 70-7758-5 ③       |                 |
| 200                    | NEMA 1 and 3R  | Consult factory   |                 |
| 200                    | NEMA 4X and 12 | 70-7759-13        | 70-7759-6 ②     |

① Only used in 200 A, NEMA 4X and NEMA 12 switch combinations.

② Order one per pole as needed.

③ Order two.

**Note:** Please contact the TRC for technical questions concerning replacement parts at 1-877-386-2273, option 2 (Technical).

**Internal window replacement parts for safety switches with windows produced prior to May 2015**



30-60 A internal window

**External window replacement parts**



30-60 A external window

**Table 6. Internal window replacement parts**

| Switch ampere rating       | NEMA rating        | Part number |
|----------------------------|--------------------|-------------|
| <b>Operating mechanism</b> |                    |             |
| 30-100                     | NEMA 12 and 4X     | 70-7813-4   |
| 30-100                     | NEMA 4X Enviroline | 70-8305     |
| <b>Operating handle</b>    |                    |             |
| 30-100                     | NEMA 12            | 70-7833-2   |
| 30-100                     | NEMA 4X            | 70-7833-3   |

**Table 8. External replacement window kits**

| Switch ampere rating | NEMA rating               | Part number |
|----------------------|---------------------------|-------------|
| 30-60                | NEMA 12                   | 70-8889     |
| 30-60                | NEMA 4X and 4X Enviroline | 70-8889-2   |
| 100-1200             | NEMA 12                   | 70-8889-3   |
| 100-1200             | NEMA 4X and 4X Enviroline | 70-8889-4   |

**Table 7. Internal replacement window kits**

| Switch ampere rating | NEMA rating        | Part number |
|----------------------|--------------------|-------------|
| 30-60                | NEMA 12 and 4X     | 70-8564     |
| 30-60                | NEMA 4X Enviroline | 70-8564-2   |
| 100                  | NEMA 12 and 4X     | 70-8564-3   |
| 100                  | NEMA 4X Enviroline | 70-8564-4   |

**Note:** For internal window switches, use the replacement fuse bases listed on pages 4 and 5. Replacement bases are NOT interchangeable between standard switches and visible blade/exterior window switches.

**Note:** For Internal window replacement parts, use standard replacement parts unless otherwise specified in the table above.

**Note:** Please contact the TRC for technical questions concerning replacement parts at 1-877-386-2273, option 2 (Technical).

**Enhanced visible blade and exterior window replacement bases**

Replacement bases shown below can ONLY replace bases in existing enhanced visible blade/exterior window style switches.



30-60 A exterior window switch



100-1200 A exterior window switch



30-100 A replacement switching base



200-1200 A replacement switching base

**Table 9. Heavy-duty fusible switches**

| Amperes                 | NEMA rating    | 4. Switching base | 5. Fuse base |
|-------------------------|----------------|-------------------|--------------|
| <b>Two-pole 240 V</b>   |                |                   |              |
| 30                      | All            | 70-8835           | 70-7758-29   |
| 60                      | All            | 70-8838           | 70-7997-4    |
| 100                     | NEMA 4X and 12 | 70-8829           | 70-7758-23   |
| 200                     | NEMA 1 and 3R  | 70-8856           | 70-7820-4 ①  |
| 200                     | NEMA 4X and 12 | 70-8845           | 70-7759-4 ①  |
| 400                     | All            | 70-8864           | 70-8063-7 ①  |
| 600                     | All            | 70-8870           | 70-8064-7 ①  |
| 800                     | All            | 70-8876           | 70-8064-8 ①  |
| <b>Three-pole 240 V</b> |                |                   |              |
| 30                      | NEMA 4X and 12 | 70-8834           | 70-7758-26   |
| 60                      | All            | 70-8851           | 70-7997-5    |
| 100                     | All            | 70-8825           | 70-7758-21   |
| 200                     | NEMA 1 and 3R  | 70-8854           | 70-7820-4 ①  |
| 200                     | NEMA 4X and 12 | 70-8843           | 70-7759-4 ①  |
| 400                     | All            | 70-8865           | 70-8063-4 ①  |
| 600                     | All            | 70-8871           | 70-8064-7 ①  |
| 800                     | All            | 70-8877           | 70-8065-7 ①  |
| 1200                    | All            | 70-8887           | 70-8453-3 ①  |
| <b>Two-pole 600 V</b>   |                |                   |              |
| 30                      | All            | 70-8836           | 70-7758-30   |
| 60                      | All            | 70-8853           | 70-7997-6    |
| 100                     | All            | 70-8830           | 70-7558-25   |
| 200                     | NEMA 1 and 3R  | Consult factory   | 70-7820-4 ①  |
| 200                     | NEMA 4X and 12 | Consult factory   | 70-7759-5 ①  |
| 400                     | All            | 70-8866           | 70-8063-7 ①  |
| 600                     | All            | 70-8872           | 70-8064-7 ①  |
| 800                     | All            | 70-8878           | 70-8065-7 ①  |
| <b>Three-pole 600 V</b> |                |                   |              |
| 30                      | All            | 70-8832           | 70-7758-27   |
| 60                      | All            | 70-8852           | 70-7997-7    |
| 100                     | All            | 70-8825           | 70-7758-21   |
| 200                     | NEMA 1 and 3R  | 70-8854           | 70-7820-4 ①  |
| 200                     | NEMA 4X and 12 | 70-8843           | 70-7759-5 ①  |
| 400                     | All            | 70-8867           | 70-8063-7 ①  |
| 600                     | All            | 70-8873           | 70-8064-7 ①  |
| 800                     | All            | 70-8879           | 70-8065-7 ①  |
| 1200                    | All            | 70-8887           | 70-8453-3 ①  |

**Table 9. Heavy-duty fusible switches, continued**

| Amperes                | NEMA rating    | 4. Switching base | 5. Fuse base    |
|------------------------|----------------|-------------------|-----------------|
| <b>Four-pole 240 V</b> |                |                   |                 |
| 30                     | All            | 70-8835 ②         | 70-7758-29 ②    |
| 60                     | All            | 70-8838 ②         | 70-7997-4 ②     |
| 100                    | All            | 70-8829 ②         | 70-7758-23 ②    |
| 200                    | NEMA 1 and 3R  | 70-8856           | 70-7820-4 ①     |
| 200                    | NEMA 4X and 12 | 70-8846           | 70-7759-4 ①     |
| 400                    | All            | 70-8880           | 70-8063-7 ①     |
| 600                    | All            | 70-8883           | 70-8064-7 ①     |
| 800                    | All            | Consult factory   | 70-8065-7 ①     |
| <b>Four-pole 600 V</b> |                |                   |                 |
| 30                     | All            | 70-8838 ②         | 70-7758-38 ②    |
| 60                     | All            | 70-8839 ②         | 70-7758-39 ②    |
| 100                    | All            | 70-8829 ②         | 70-7758-23 ②    |
| 200                    | NEMA 1 and 3R  | 70-8857           | 70-7820-4 ③     |
| 200                    | NEMA 4X and 12 | 70-8846           | 70-7759-5 ③     |
| 400                    | All            | 70-8881           | 70-8063-7 ③     |
| 600                    | All            | 70-8884           | 70-8064-7 ③     |
| 800                    | All            | Consult factory   | 70-8065-7 ③     |
| <b>Six-pole 600 V</b>  |                |                   |                 |
| 30                     | All            | 70-8832 ②         | 70-7758-27 ②    |
| 60                     | All            | 70-8824 ②         | 70-7758-20 ②    |
| 100                    | All            | 70-8825 ②         | 70-7758-21 ②    |
| 200                    | NEMA 1 and 3R  | Consult factory   | Consult factory |
| 200                    | NEMA 4X and 12 | Consult factory   | 70-7759-5 ③     |
| 400                    | All            | Consult factory   | 70-8063-7 ③     |
| 600                    | All            | Consult factory   | 70-8064-7 ③     |
| 800                    | All            | Consult factory   | 70-8065-7 ③     |

① Order one per pole.

② Order two.

③ Order one per pole as needed.

**Note:** The replacement bases listed on pages 7 and 8 CANNOT be used as replacement bases in standard or interior window style safety switches. If the existing switch has a red colored arc shield, then the standard replacement base must be used. If the existing switch has a yellow colored arc shield, then a replacement base must be selected from the tables on pages 7 and 8.

**Note:** Please contact the TRC for technical questions concerning replacement parts at 1-877-386-2273, option 2 (Technical).

## Enhanced visible blade and exterior window replacement bases

Replacement bases shown below can ONLY replace bases in existing enhanced visible blade/exterior window style switches.

**Table 10. Heavy-duty non-fusible switches**

| Amperes                 | NEMA rating    | 4. Switching base | 5. Lower base ① |
|-------------------------|----------------|-------------------|-----------------|
| <b>Two-pole 600 V</b>   |                |                   |                 |
| 30                      | All            | 70-8837           |                 |
| 60                      | All            | 70-8837           |                 |
| 100                     | All            | 70-8831           |                 |
| 200                     | NEMA 1 and 3R  | 70-8855           |                 |
| 200                     | NEMA 4X and 12 | 70-8844           | 70-7759-6 ②     |
| 400                     | All            | 70-8862           |                 |
| 600                     | All            | 70-8868           |                 |
| 800                     | All            | 70-8874           |                 |
| <b>Three-pole 600 V</b> |                |                   |                 |
| 30                      | All            | 70-8833           |                 |
| 60                      | All            | 70-8833           |                 |
| 100                     | All            | 70-8827           |                 |
| 200                     | NEMA 1 and 3R  | 70-8855           |                 |
| 200                     | NEMA 4X and 12 | 70-8844           | 70-7759-6 ②     |
| 400                     | All            | 70-8863           |                 |
| 600                     | All            | 70-8869           |                 |
| 800                     | All            | 70-8875           |                 |
| 1200                    | All            | 70-8886           |                 |
| <b>Four-pole 600 V</b>  |                |                   |                 |
| 30                      | All            | 70-8840 ③         |                 |
| 60                      | All            | 70-8841 ③         |                 |
| 100                     | All            | 70-8842 ③         |                 |
| 200                     | NEMA 1 and 3R  | Consult factory   |                 |
| 200                     | NEMA 4X and 12 | 70-8847           | 70-7759-6 ②     |
| 400                     | All            | 70-8882           |                 |
| 600                     | All            | 70-8885           |                 |
| 800                     | All            | Consult factory   |                 |
| <b>Six-pole 600 V</b>   |                |                   |                 |
| 30                      | All            | 70-8833 ③         |                 |
| 60                      | All            | 70-8833 ③         |                 |
| 100                     | All            | 70-8827 ③         |                 |
| 200                     | NEMA 1 and 3R  | Consult factory   |                 |
| 200                     | NEMA 4X and 12 | 70-8848           | 70-7759-6 ②     |
| 400                     | All            | Consult factory   |                 |
| 600                     | All            | Consult factory   |                 |
| 800                     | All            | Consult factory   |                 |

① Only used in 200 A, NEMA 4X and NEMA 12 switch combinations.

② Order one per pole.

③ Order two.

**Note:** Please contact the TRC for technical questions concerning replacement parts at 1-877-386-2273, option 2 (Technical).

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