

## Specifications

**Conditions of Sale**

**STANDARD:** The seller’s standard conditions of sale set forth in Price Sheet 150 apply.

**SPECIAL TO THIS PRODUCT:**

**SPECIFICATION NOTES:** S&C “QR” Speed Positrol Fuse Links are interchangeable mechanically—and with respect to time-current characteristics—with Kearney Type “QA” fuse links.

All Positrol Fuse Links have removable button heads to accommodate cutout fuse tubes with arc-shortening rods.

**SPECIFICATION DEVIATIONS:** Special length fuse links cannot be supplied.

**Example:** The catalog number of a Universal Style-not usable in Positrect™ Cutout Fuse Link, S&C ‘K’ speed, rated 65 amperes, with an extra-long cable option is:

2 6 5 0 6 5 R 1 - L 2 9

**Note:** Fuse links in ratings through 100 amperes are sold in packs of five or overpacks of 25. Minimum ordering quantity is five. Fuse links in ratings greater than 100 amperes are sold in packs of one or overpacks of five. Minimum ordering quantity is five.

Carton-style packing is available for “Fuse Links, Universal Style—Not usable in Positrect™ Cutouts,” rated 100 A and lower. This style of packing can be ordered by adding “-X” to the catalog number. Please contact your local S&C representative for availability.

**How to Order Positrol Fuse Links**

Complete these steps to identify the base catalog number and the appropriate options needed for a complete Positrol Fuse Link order:

**STEP 1.** Obtain the catalog number of the desired Positrol Fuse Link based on the style, speed and ampere rating from Table 1 through Table 8 on pages 2 through 4.

Catalog Number:

**STEP 2.** Select the desired adapters or optional features from Table 9 and Table 10 on page 5 and add the appropriate suffix to the catalog number.

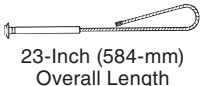
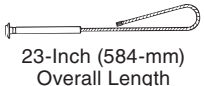
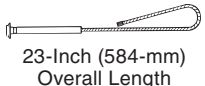
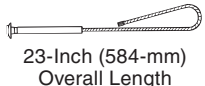
Suffix:

**Note:** At this point, the catalog number for a Positrol Fuse Link is complete.

★ S&C Positrol Fuse Links are manufactured in accordance with a quality system certified to ISO 9001, and they are Rural Utilities Service (RUS) accepted.



**Table 1. Fuse Links, Universal Style—Not Usable in Positrect™ Cutouts<sup>①</sup>**

| S&C Standard Speed <sup>②</sup><br>(TCC No. 123-6)                                |                   | S&C “K” Speed <sup>③</sup><br>(TCC No. 165-6)                                     |                   | S&C “T” Speed <sup>④</sup><br>(TCC No. 170-6)                                      |                   | S&C “QR” Speed <sup>⑤ ⑥</sup><br>(TCC No. 166-6)                                    |                   |
|---|-------------------|---|-------------------|--|-------------------|---|-------------------|
|  |                   |  |                   |  |                   |  |                   |
| Rating,<br>Amperes  | Catalog<br>Number | Rating,<br>Amperes  | Catalog<br>Number | Rating,<br>Amperes   | Catalog<br>Number | Rating,<br>Amperes  | Catalog<br>Number |
| 1   | 64001R1●          | ▲   |                   | ▲  |                   | 1QR   | 338001R1●         |
| 2   | 64002R1●          | ▲   |                   | ▲  |                   | 2QR   | 338002R1●         |
| 3   | 64003R1●          | ▲   |                   | ▲  |                   | 3QR   | 338003R1●         |
| 5   | 64005R1●          |   |                   |  |                   | 5QR   | 338005R1●         |
| 7   | 64007R1●          | 6K  | 265006R1●         | 6T   | 279006R1●         | 7QR   | 338007R1●         |
| 10  | 64010R1●          | 8K  | 265008R1●         | 8T   | 279008R1●         | 8QR   | 338008R1●         |
| 15  | 64015R1●          | 10K   | 265010R1●         | 10T  | 279010R1●         | 10QR  | 338010R1●         |
| 20  | 64020R1●          | 12K   | 265012R1●         | 12T  | 279012R1●         |   |                   |
| 25  | 64025R1●          | 15K   | 265015R1●         | 15T  | 279015R1●         | 15QR  | 338015R1●         |
| 30  | 64030R1●          | 20K   | 265020R1●         | 20T  | 279020R1●         | 20QR  | 338020R1●         |
| 40  | 64040R1●          | 25K   | 265025R1●         | 25T  | 279025R1●         | 25QR  | 338025R1●         |
| 50  | 64050R1●          | 30K   | 265030R1●         | 30T  | 279030R1●         | 30QR  | 338030R1●         |
| 65  | 64065R1●          | 40K   | 265040R1●         | 40T  | 279040R1●         | 40QR  | 338040R1●         |
| 80  | 64080R1●          | 50K   | 265050R1●         | 50T  | 279050R1●         | 50QR  | 338050R1●         |
| 100   | 64100R1●          |   |                   |  |                   | 60QR  | 338060R1●         |
| 125   | 64125R2■          | 65K   | 265065R1●         | 65T  | 279065R1●         | 75QR  | 338075R1●         |
| 150   | 64150R2■          | 80K   | 265080R1●         | 80T  | 279080R1●         |   |                   |
| 200   | 64200R2■          | 100K  | 265100R1●         | 100T   | 279100R1●         | 100QR   | 338100R1●         |
|   |                   | 140K  | 265140R2■         | 140T   | 279140R1■         | 125QR   | 355125R1■         |
|   |                   |   |                   |  |                   | 150QR   | 355150R1■         |
|   |                   |   |                   |  |                   | 175QR   | 355175R1■         |
|   |                   |   |                   |  |                   | 200QR   | 355200R1■         |

① For use in a Class A (Distribution Class) Cutout as defined in the IEEE Standard C37.41.

② These fuse links replace obsolete S&C Extra-Performance Style Fuse Link catalog numbers 334XXX.

③ These fuse links replace obsolete S&C Extra-Performance Style Fuse Link catalog numbers 335XXX.

④ These fuse links replace obsolete S&C Extra-Performance Style Fuse Link catalog numbers 336XXX.

⑤ These fuse links replace obsolete S&C Extra-Performance Style Fuse Link catalog numbers 337XXX for ratings through 100 amperes and catalog numbers 356XXX for ratings above 100 amperes.


⑥ These fuse links are interchangeable mechanically—and with respect to time-current characteristics—with Kearney Type “QA” fuse links. For optional cable adapters for use with S&C “QR” Speed fuse links, see Table 9 on page 5.

● For use in 100-ampere cutouts.

■ For use in 200-ampere cutouts.

▲ The 1-, 2-, and 3-ampere S&C Standard Speed Positrol Fuse Links meet requirements for coordination with fuse links rated 6K and 6T amperes as specified in IEEE Standard C37.42, and are recommended for use in “K” and “T” Speed fuse-link coordination schemes.


**Table 2. Fuse Links, Universal Style—Not Usable in Positect™ Cutouts**

| S&C “N” Speed <sup>①</sup> (TCC No. 167-6)   |                |
|--|----------------|
| <br>23-Inch (584-mm) Overall Length |                |
| Rating, Amperes  | Catalog Number |
| 5N   | 267005R4●      |
| 8N   | 267008R4●      |
| 10N  | 267010R4●      |
| 15N  | 267015R4●      |
| 20N  | 267020R4●      |
| 25N  | 267025R4●      |
| 30N  | 267030R4●      |
| 40N  | 267040R4●      |
| 45N  | 267045R4●      |
| 50N  | 267050R4●      |
| 65N  | 267065R4●      |
| 75N  | 267075R4●      |
| 85N  | 267085R4●      |
| 95N  | 267095R4●      |
| 100N   | 267100R4●      |
| 125N   | 267125R4■      |
| 150N   | 267150R4■      |
| 200N   | 267200R4■      |

① These fuse links are interchangeable (with respect to time-current characteristics) with discontinued GE Models 9F1C and 9F51AAN series fuse links.

- For use in 100-ampere cutouts.
- For use in 200-ampere cutouts.


**Table 3. Fuse Links, Universal Style—Not Usable in Positect™ Cutouts**

| S&C “QR” Speed <sup>①</sup> (TCC No. 166-6A)   |                |
|--|----------------|
| <br>23-Inch (584-mm) Overall Length |                |
| Rating, Amperes  | Catalog Number |
| 125 QR   | 338125R1●      |
| 150 QR   | 338150R1●      |

① These fuse links are interchangeable mechanically—and with respect to time-current characteristics—with Kearney Type “QA” fuse links. For optional cable adapters for use with S&C “QR” Speed fuse links, see Table 9 on page 5.


- For use in 100-ampere cutouts.

**Table 4. Fuse Links, Universal Style—Not Usable in Positect™ Cutouts**


| S&C Coordinating Speed (TCC No. 172-6)   |                |
|--|----------------|
| <br>23-Inch (584-mm) Overall Length |                |
| Rating, Amperes  | Catalog Number |
| 101  | 179101R1●      |
| 102  | 179102R1●      |
| 103  | 179103R1●      |

- For use in 100-ampere cutouts.

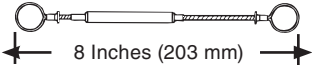
**Table 5. Fuse Links, Universal Style—Usable in Positect™ Cutouts**

| S&C Standard Speed (TCC No. 123-6)   |                |
|--|----------------|
| <br>23-Inch (584-mm) Overall Length |                |
| Rating, Amperes  | Catalog Number |
| 1  | 364001         |
| 2  | 364002         |
| 3  | 364003         |
| 5  | 364005         |
| 7  | 364007         |
| 10   | 364010         |
| 15   | 364015         |
| 20   | 364020         |
| 25   | 364025         |
| 30   | 364030         |
| 40   | 364040         |
| 50   | 364050         |
| 65   | 364065         |
| 80   | 364080         |
| 100  | 364100         |

**Table 7. Fuse Links, Indicating Style—Usable in Positect™ Cutouts Only**

| S&C Standard Speed (TCC No. 123-6)  |                |
|---|----------------|
| <br>10-Inch (254-mm) Overall Length |                |
| Rating, Amperes   | Catalog Number |
| 3   | 115003         |
| 5   | 115005         |
| 7   | 115007         |
| 10  | 115010         |
| 15  | 115015         |
| 20  | 115020         |
| 25  | 115025         |
| 30  | 115030         |
| 40  | 115040         |
| 50  | 115050         |
| 65  | 115065         |
| 80  | 115080         |
| 100   | 115100         |


**Table 6. Fuse Links—Open Style**

| S&C Standard Speed (TCC No. 123-6)   |                |
|--|----------------|
| <br>8 Inches (203 mm) |                |
| Rating, Amperes  | Catalog Number |
| 1  | 77401          |
| 2  | 77402          |
| 3  | 77403          |
| 5  | 77405          |
| 7  | 77407          |
| 10   | 77410          |
| 15   | 77415          |
| 20   | 77420          |
| 25   | 77425          |

**Table 8. Fuse Links, Universal Style—Usable in Positect™ Cutouts**

| S&C “Y” Speed (TCC No. 158-6) |                |
|-------------------------------|----------------|
| Rating, Amperes               | Catalog Number |
| 135 Y                         | 364100-S100    |

**Table 9. Adapters for S&C “QR” Speed Positrol Fuse Links (Universal Style)①**

| Description  | Add Suffix to Catalog Number of Link | Fuse Link Rating, Amperes    |
|--|--------------------------------------|------------------------------|
| Cable adapter<br> | -U                                   | 1 QR—100 QR<br>125 QR—150 QR |

① For adapting fuse link for use in cutouts having bolt-type connections for upper and lower fuse-link cables. Overall length of all “QR” Speed Positrol Fuse Links equipped with suffix “-U” cable adapter is 23 inches (584 mm).

**Table 10. Optional Features**

| Item  | Add Suffix to Catalog Number of Link | Fuse Link |   |
|---|--------------------------------------|-----------|---|
|   |                                      | Style①    | Rating, Amperes   |
| Cable adapter and color-coded ampere rating flag②③                    | -S100                                | Universal | 1—5<br>6K—100K<br>6T—100T   |
| Extra-long cable (provides 29-inch (737-mm) overall fuse link length) | -L29                                 | Universal | 1—200<br>6K—200K<br>6T—200T<br>1QR—200QR<br>5N—200N<br>101 Coord—103 Coord  |
| Carton-style packing option④  | -X                                   | Universal | 1—100<br>6K—100K<br>6T—100T<br>1QR—100QR<br>125QR—150QR (For use in 100-ampere cutouts)<br>5N—100N<br>101 Coord—103 Coord |

① Not usable in Positrect™ Cutouts.

② For adapting fuse link for use in cutouts having bolt-type connections for upper and lower fuse-link cables.

③ Flag colors for Standard Speed fuse links are as follows: 1—Brown, 2—Red, 3—Orange, 5—Yellow. Flag colors for “T” and “K” Speed fuse links are as follows: 6T and 6K—Tan, 8T and 8K—Green, 10T and 10K—Blue, 12T and 12K—Pink, 15T and 15K—Violet, 20T and 20K—Gray, 25T and 25K—Clear, 30T and 30K—White, 40T and 40K—Black, 50T and 50K—Silver, 65T and 65K—None, 80T and 80K—None, 100T and 100K—None.

④ Contact local S&C Representative for availability