

# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

1500 V dc • 1–60 A



### Description

The Littelfuse SPXI solar fuse is specifically designed for the protection of photovoltaic (PV) systems. It integrates into an in-line assembly within a wire harness and can be electrically insulated by either overmolding or using heat-shrink.

Littelfuse offers multiple ampere ratings to match specific requirements in a variety of applications.

### Features/Benefits

- Offers higher amperage protection in less space for increased design flexibility
- One-piece cap design, without joints, offers easier wire crimping and more streamlined molding
- No fuse holder required helps save space, time, and money
- 50,000 A interrupting rating

### Applications

- Photovoltaic high-capacity homerun, trunk harness, and wire harness

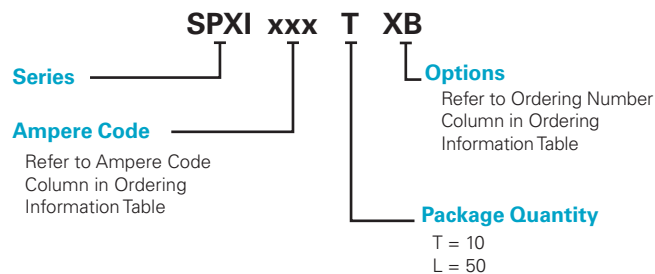
### Recommended Crimping Tool

10-12 AWG: T&B Sta-Kon ERG4002  
8 AWG: T&B Sta-Kon ERG4  
6 AWG: Burndy MRC840AL

### Specifications

|                             |                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Voltage Rating</b>       | 1500 V dc                                                                                                          |
| <b>Amperage Rating</b>      | 1, 2, 2.25, 2.5, 3, 3.5, 4, 4.5, 5, 6, 8, 10, 12, 15, 16, 20, 25, 30, 32, 35, 40, 45, 50, 55, 60 A                 |
| <b>Interrupting Ratings</b> | SPXI 1–20 A and SPXI-B 1–20 A: 30 kA<br>SPXI 35–50 A and SPXI-B 35–60 A: 50 kA<br>SPXI-M and SPXI-BM 25–32A: 50 kA |
| <b>Time Constant</b>        | ≤ 1ms                                                                                                              |
| <b>Material</b>             | Body: melamine<br>Caps: copper alloy (nickel plated)                                                               |
| <b>Approvals</b>            | UL Recognized (File: E339112)<br>TUV (Cert: J 50495785)                                                            |
| <b>Applicable Standards</b> | UL 248-1, 248-19<br>IEC 60269-6 (electrically only)                                                                |
| <b>Environmental</b>        | RoHS Compliant<br>REACH                                                                                            |
| <b>Country of Origin</b>    | Mexico                                                                                                             |
| <b>US Patent</b>            | 9,564,281                                                                                                          |

### Part Numbering System



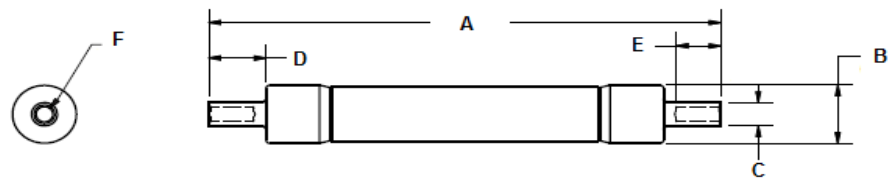
### Web Resources

Download additional technical information and view the complete solar portfolio: [Littelfuse.com/SPXI](https://www.littelfuse.com/SPXI)

# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

### Dimensions

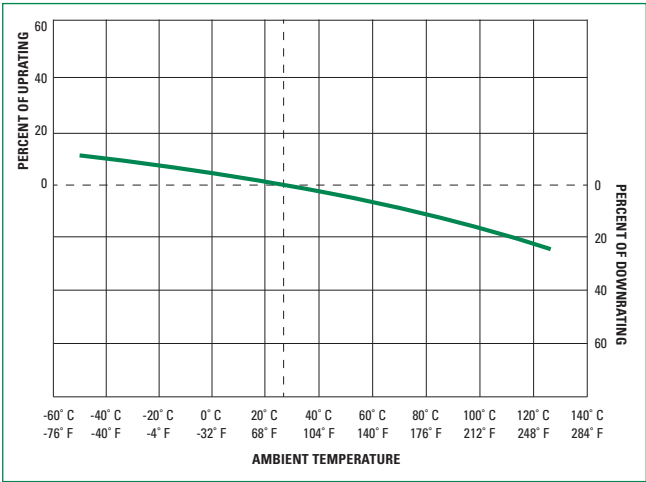


| SERIES  | AMPS   | DIMENSIONS IN MM (INCHES) |               |             |               |               |              | WIRE RANGE                          |
|---------|--------|---------------------------|---------------|-------------|---------------|---------------|--------------|-------------------------------------|
|         |        | A                         | B             | C           | D             | E             | F            |                                     |
| SPXI    | 1–4    | 81.41 (3.205)             | 10.31 (0.406) | 5.59 (0.22) | 12.26 (0.483) | 9.53 (0.375)  | 3.56 (0.14)  | 10-12 AWG<br>(6-4 mm <sup>2</sup> ) |
|         | 4.5–20 | 110.06 (4.333)            | 10.31 (0.406) | 5.59 (0.22) | 12.26 (0.483) | 9.53 (0.375)  | 3.56 (0.014) | 10-12 AWG<br>(6-4 mm <sup>2</sup> ) |
|         | 35–50  | 158.04 (6.222)            | 20.65 (0.813) | 6.7 (0.264) | 14.25 (0.561) | 10.25 (0.404) | 4.7 (0.185)  | 8 AWG<br>(10 mm <sup>2</sup> )      |
| SPXI-B  | 1–4    | 85.4 (3.362)              | 10.31 (0.406) | 6.7 (0.264) | 14.25 (0.561) | 10.25 (0.404) | 4.7 (0.185)  | 8 AWG<br>(10 mm <sup>2</sup> )      |
|         | 4.5–20 | 114.05 (4.49)             | 10.31 (0.406) | 6.7 (0.264) | 14.25 (0.561) | 10.25 (0.404) | 4.7 (0.185)  | 8 AWG<br>(10 mm <sup>2</sup> )      |
|         | 35–60  | 163.58 (6.44)             | 20.65 (0.813) | 8.5 (0.335) | 17.02 (0.67)  | 13.72 (0.54)  | 5.5 (0.217)  | 6 AWG                               |
| SPXI-M  | 25–32  | 110.06 (4.333)            | 10.31 (0.406) | 5.59 (0.22) | 12.26 (0.483) | 9.53 (0.375)  | 3.56 (0.014) | 10-12 AWG<br>(6-4 mm <sup>2</sup> ) |
| SPXI-BM | 25–32  | 114.05 (4.49)             | 10.31 (0.406) | 6.7 (0.264) | 14.25 (0.561) | 10.25 (0.404) | 4.7 (0.185)  | 8 AWG<br>(10 mm <sup>2</sup> )      |

### Electrical Specification — Agency Requirements

| AMPERAGE RATING | OPENING TIME (MINUTES)         |                                 |                                |                                |
|-----------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|
|                 | 100 % of Amperes Rating per UL | 105 % of Amperes Rating per IEC | 135 % of Amperes Rating per UL | 200 % of Amperes Rating per UL |
| 1–30            | Temperature Stabilization      | 60 Min                          | 60 Max                         | 4 Max                          |
| 32–60           | Temperature Stabilization      | 60 Min                          | 60 Max                         | 6 Max                          |

### Temperature Derating Curve (temperature of air immediately surrounding fuse)



# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

### SPXI and SPXI-M Ordering Information (Standard Crimp Barrel)

| SERIES | AMPERAGE | AMPERE CODE | CATALOG NUMBER | PRODUCT MARKING | PACK QUANTITY | ORDERING NUMBER | UPC         |
|--------|----------|-------------|----------------|-----------------|---------------|-----------------|-------------|
| SPXI   | 1        | 001.        | SPXI001        | SPXI 1 A        | 10            | SPXI001.T       | 07945827694 |
|        |          |             |                |                 | 50            | SPXI001.L       | 07945827686 |
| SPXI   | 2        | 002.        | SPXI002        | SPXI 2 A        | 10            | SPXI002.T       | 07945827695 |
|        |          |             |                |                 | 50            | SPXI002.L       | 07945827687 |
| SPXI   | 2.25     | 2.25        | SPXI2.25       | SPXI 2 ¼ A      | 10            | SPXI2.25T       | 07945827696 |
|        |          |             |                |                 | 50            | SPXI2.25L       | 07945827688 |
| SPXI   | 2.5      | 02.5        | SPXI02.5       | SPXI 2½ A       | 10            | SPXI02.5T       | 07945880950 |
|        |          |             |                |                 | 50            | SPXI02.5L       | 07945880949 |
| SPXI   | 3        | 003.        | SPXI003        | SPXI 3 A        | 10            | SPXI003.T       | 07945828565 |
|        |          |             |                |                 | 50            | SPXI003.L       | 07945828566 |
| SPXI   | 3.5      | 03.5        | SPXI03.5       | SPXI 3½ A       | 10            | SPXI03.5T       | 07945880808 |
|        |          |             |                |                 | 50            | SPXI03.5L       | 07945880149 |
| SPXI   | 4        | 004.        | SPXI004        | SPXI 4 A        | 10            | SPXI004.T       | 07945884508 |
|        |          |             |                |                 | 50            | SPXI004.L       | 07945884509 |
| SPXI   | 4.5      | 04.5        | SPXI04.5       | SPXI 4½ A       | 10            | SPXI04.5T       | 07945824324 |
|        |          |             |                |                 | 50            | SPXI04.5L       | 07945824325 |
| SPXI   | 5        | 005.        | SPXI005        | SPXI 5A         | 10            | SPXI005.T       | 07945823273 |
|        |          |             |                |                 | 50            | SPXI005.L       | 07945823274 |
| SPXI   | 6        | 006.        | SPXI006        | SPXI 6 A        | 10            | SPXI006.T       | 07945882658 |
|        |          |             |                |                 | 50            | SPXI006.L       | 07945882659 |
| SPXI   | 8        | 008.        | SPXI008        | SPXI 8 A        | 10            | SPXI008.T       | 07945882660 |
|        |          |             |                |                 | 50            | SPXI008.L       | 07945882661 |
| SPXI   | 10       | 010.        | SPXI010        | SPXI 10 A       | 10            | SPXI010.T       | 07945882662 |
|        |          |             |                |                 | 50            | SPXI010.L       | 07945882663 |
| SPXI   | 12       | 012.        | SPXI012        | SPXI 12 A       | 10            | SPXI012.T       | 07945882664 |
|        |          |             |                |                 | 50            | SPXI012.L       | 07945882665 |
| SPXI   | 15       | 015.        | SPXI015        | SPXI 15 A       | 10            | SPXI015.T       | 07945882666 |
|        |          |             |                |                 | 50            | SPXI015.L       | 07945882667 |
| SPXI   | 16       | 016.        | SPXI016        | SPXI 16 A       | 10            | SPXI016.T       | 07945827697 |
|        |          |             |                |                 | 50            | SPXI016.L       | 07945827689 |
| SPXI   | 20       | 020.        | SPXI020        | SPXI 20 A       | 10            | SPXI020.T       | 07945882556 |
|        |          |             |                |                 | 50            | SPXI020.L       | 07945882557 |
| SPXI-M | 25       | 025.        | SPXI025-M      | SPXI 25 A-M     | 10            | SPXI025.TXM     | 07945826360 |
|        |          |             |                |                 | 50            | SPXI025.LXM     | 07945826361 |
| SPXI-M | 30       | 030.        | SPXI030-M      | SPXI 30 A-M     | 10            | SPXI030.TXM     | 07945826362 |
|        |          |             |                |                 | 50            | SPXI030.LXM     | 07945826363 |
| SPXI-M | 32       | 032.        | SPXI032-M      | SPXI 32 A-M     | 10            | SPXI032.TXM     | 07945826364 |
|        |          |             |                |                 | 50            | SPXI032.LXM     | 07945826365 |
| SPXI   | 35       | 035.        | SPXI035        | SPXI 35A        | 10            | SPXI035.T       | 07945826379 |
| SPXI   | 40       | 040.        | SPXI040        | SPXI 40A        | 10            | SPXI040.T       | 07945826380 |
| SPXI   | 45       | 045.        | SPXI045        | SPXI 45A        | 10            | SPXI045.T       | 07945826381 |
| SPXI   | 50       | 050.        | SPXI050        | SPXI 50A        | 10            | SPXI050.T       | 07945826382 |

# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

### SPXI-B and SPXI-BM Ordering Information (Bigger Crimp Barrel)

| SERIES  | AMPERAGE | AMPERE CODE | CATALOG NUMBER | PRODUCT MARKING | PACK QUANTITY | ORDERING NUMBER | UPC         |
|---------|----------|-------------|----------------|-----------------|---------------|-----------------|-------------|
| SPXI-B  | 1        | 001.        | SPXI001-B      | SPXI 1 A-B      | 10            | SPXI001.TXB     | 07945827698 |
|         |          |             |                |                 | 50            | SPXI001.LXB     | 07945827690 |
| SPXI-B  | 2        | 002.        | SPXI002-B      | SPXI 2 A-B      | 10            | SPXI002.TXB     | 07945827699 |
|         |          |             |                |                 | 50            | SPXI002.LXB     | 07945827691 |
| SPXI-B  | 2.25     | 2.25        | SPXI2.25-B     | SPXI 2 ¼ A-B    | 10            | SPXI2.25TXB     | 07945827700 |
|         |          |             |                |                 | 50            | SPXI2.25LXB     | 07945827692 |
| SPXI-B  | 2.5      | 02.5        | SPXI02.5-B     | SPXI 2½ A-B     | 10            | SPXI02.5TXB     | 07945824341 |
|         |          |             |                |                 | 50            | SPXI02.5LXB     | 07945824354 |
| SPXI-B  | 3        | 003.        | SPXI003-B      | SPXI 3 A-B      | 10            | SPXI003.TXB     | 07945828567 |
|         |          |             |                |                 | 50            | SPXI003.LXB     | 07945828568 |
| SPXI-B  | 3.5      | 03.5        | SPXI03.5-B     | SPXI 3½ A-B     | 10            | SPXI03.5TXB     | 07945824342 |
|         |          |             |                |                 | 50            | SPXI03.5LXB     | 07945824355 |
| SPXI-B  | 4        | 004.        | SPXI004-B      | SPXI 4 A-B      | 10            | SPXI004.TXB     | 07945824343 |
|         |          |             |                |                 | 50            | SPXI004.LXB     | 07945824356 |
| SPXI-B  | 4.5      | 04.5        | SPXI04.5-B     | SPXI 4½ A-B     | 10            | SPXI04.5TXB     | 07945824344 |
|         |          |             |                |                 | 50            | SPXI04.5LXB     | 07945824357 |
| SPXI-B  | 5        | 005.        | SPXI005-B      | SPXI 5 A-B      | 10            | SPXI005.TXB     | 07945824345 |
|         |          |             |                |                 | 50            | SPXI005.LXB     | 07945824358 |
| SPXI-B  | 6        | 006.        | SPXI006-B      | SPXI 6 A-B      | 10            | SPXI006.TXB     | 07945824346 |
|         |          |             |                |                 | 50            | SPXI006.LXB     | 07945824359 |
| SPXI-B  | 8        | 008.        | SPXI008-B      | SPXI 8 A-B      | 10            | SPXI008.TXB     | 07945824347 |
|         |          |             |                |                 | 50            | SPXI008.LXB     | 07945824360 |
| SPXI-B  | 10       | 010.        | SPXI010-B      | SPXI 10 A-B     | 10            | SPXI010.TXB     | 07945824348 |
|         |          |             |                |                 | 50            | SPXI010.LXB     | 07945824361 |
| SPXI-B  | 12       | 012.        | SPXI012-B      | SPXI 12 A-B     | 10            | SPXI012.TXB     | 07945824349 |
|         |          |             |                |                 | 50            | SPXI012.LXB     | 07945824362 |
| SPXI-B  | 15       | 015.        | SPXI015-B      | SPXI 15 A-B     | 10            | SPXI015.TXB     | 07945824350 |
|         |          |             |                |                 | 50            | SPXI015.LXB     | 07945824363 |
| SPXI-B  | 16       | 016.        | SPXI016-B      | SPXI 16 A-B     | 10            | SPXI016.TXB     | 07945827706 |
|         |          |             |                |                 | 50            | SPXI016.LXB     | 07945827693 |
| SPXI-B  | 20       | 020.        | SPXI020-B      | SPXI 20 A-B     | 10            | SPXI020.TXB     | 07945824351 |
|         |          |             |                |                 | 50            | SPXI020.LXB     | 07945824364 |
| SPXI-BM | 25       | 025.        | SPXI025-BM     | SPXI 25 A-BM    | 10            | SPXI025.TXBM    | 07945826366 |
|         |          |             |                |                 | 50            | SPXI025.LXBM    | 07945826367 |
| SPXI-BM | 30       | 030.        | SPXI030-BM     | SPXI 30 A-BM    | 10            | SPXI030.TXBM    | 07945826368 |
|         |          |             |                |                 | 50            | SPXI030.LXBM    | 07945826369 |
| SPXI-BM | 32       | 032.        | SPXI032-BM     | SPXI 32 A-BM    | 10            | SPXI032.TXBM    | 07945826370 |
|         |          |             |                |                 | 50            | SPXI032.LXBM    | 07945826371 |
| SPXI-B  | 35       | 035.        | SPXI035-B      | SPXI 35A-B      | 10            | SPXI035.TXB     | 07945826383 |
| SPXI-B  | 40       | 040.        | SPXI040-B      | SPXI 40A-B      | 10            | SPXI040.TXB     | 07945826384 |
| SPXI-B  | 45       | 045.        | SPXI045-B      | SPXI 45A-B      | 10            | SPXI045.TXB     | 07945826385 |
| SPXI-B  | 50       | 050.        | SPXI050-B      | SPXI 50A-B      | 10            | SPXI050.TXB     | 07945826386 |
| SPXI-B  | 55       | 055.        | SPXI055-B      | SPXI 55A-B      | 10            | SPXI055.TXB     | 07945826387 |
| SPXI-B  | 60       | 060.        | SPXI060-B      | SPXI 60A-B      | 10            | SPXI060.TXB     | 07945826388 |

# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

### SPXI and SPXI-M Electrical Specifications (Standard Crimp Barrel)

| ORDERING<br>NUMBER         | VOLTAGE | INTERRUPTING<br>RATING | NOM COLD<br>RESISTANCE<br>(ohm) | WATTS LOSS AT<br>100 % RATED<br>CURRENT (W) | WATTS LOSS AT<br>80 % RATED<br>CURRENT (W) | MELTING<br>I <sup>2</sup> t (A <sup>2</sup> s)<br>(1500 V DC) | TOTAL CLEARING<br>I <sup>2</sup> t (A <sup>2</sup> s) 15 kA<br>(1500 V DC) | AGENCY<br>APPROVALS |     |     |
|----------------------------|---------|------------------------|---------------------------------|---------------------------------------------|--------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------|---------------------|-----|-----|
|                            | DC      | DC                     |                                 |                                             |                                            |                                                               |                                                                            | UL                  | cUL | TUV |
| SPXI001.T<br>SPXI001.L     | 1500    | 30 kA                  | 0.625                           | 1.07                                        | 0.56                                       | 0.29                                                          | 0.53                                                                       | •                   | •   | •   |
| SPXI002.T<br>SPXI002.L     | 1500    | 30 kA                  | 0.191                           | 1.32                                        | 0.70                                       | 1.55                                                          | 5.13                                                                       | •                   | •   | •   |
| SPXI2.25T<br>SPXI2.25L     | 1500    | 30 kA                  | 0.125                           | 0.90                                        | 0.50                                       | 5.00                                                          | 13                                                                         | •                   | •   | •   |
| SPXI02.5T<br>SPXI02.5L     | 1500    | 30 kA                  | 0.099                           | 0.86                                        | 0.48                                       | 7                                                             | 16                                                                         | •                   | •   | •   |
| SPXI003.T<br>SPXI003.L     | 1500    | 30 kA                  | .0721                           | .92                                         | .51                                        | 14                                                            | 40                                                                         | •                   | •   | •   |
| SPXI03.5T<br>SPXI03.5L     | 1500    | 30 kA                  | 0.0711                          | 1.56                                        | 0.81                                       | 25                                                            | 50                                                                         | •                   | •   | •   |
| SPXI004.T<br>SPXI004.L     | 1500    | 30 kA                  | 0.0438                          | 0.95                                        | 0.54                                       | 57                                                            | 95                                                                         | •                   | •   | •   |
| SPXI04.5T<br>SPXI04.5L     | 1500    | 30 kA                  | 0.0899                          | 2.84                                        | 1.54                                       | 34                                                            | 55                                                                         | •                   | •   | •   |
| SPXI005.T<br>SPXI005.L     | 1500    | 30kA                   | 0.0644                          | 3.04                                        | 1.59                                       | 48                                                            | 71                                                                         | •                   | •   | •   |
| SPXI006.T<br>SPXI006.L     | 1500    | 30 kA                  | 0.0576                          | 3.05                                        | 1.71                                       | 49                                                            | 75                                                                         | •                   | •   | •   |
| SPXI008.T<br>SPXI008.L     | 1500    | 30 kA                  | 0.0349                          | 3.26                                        | 1.84                                       | 121                                                           | 214                                                                        | •                   | •   | •   |
| SPXI010.T<br>SPXI010.L     | 1500    | 30 kA                  | 0.0223                          | 3.25                                        | 1.82                                       | 407                                                           | 509                                                                        | •                   | •   | •   |
| SPXI012.T<br>SPXI012.L     | 1500    | 30 kA                  | 0.0163                          | 3.34                                        | 1.89                                       | 798                                                           | 951                                                                        | •                   | •   | •   |
| SPXI015.T<br>SPXI015.L     | 1500    | 30 kA                  | 0.0131                          | 5.27                                        | 3.05                                       | 299                                                           | 637                                                                        | •                   | •   | •   |
| SPXI016.T<br>SPXI016.L     | 1500    | 30 kA                  | 0.013                           | 5.32                                        | 3.08                                       | 404                                                           | 666                                                                        | •                   | •   | •   |
| SPXI020.T<br>SPXI020.L     | 1500    | 30 kA                  | 0.0085                          | 5.38                                        | 3.14                                       | 701                                                           | 1464                                                                       | •                   | •   | •   |
| SPXI025.TXM<br>SPXI025.LXM | 1500    | 50 kA                  | 0.00665                         | 5.8                                         | 3.2                                        | 2304                                                          | 3255*                                                                      | •                   | •   | •   |
| SPXI030.TXM<br>SPXI030.LXM | 1500    | 50 kA                  | 0.00526                         | 6.8                                         | 3.8                                        | 3792                                                          | 5543*                                                                      | •                   | •   | •   |
| SPXI032.TXM<br>SPXI032.LXM | 1500    | 50 kA                  | 0.00459                         | 6.9                                         | 3.8                                        | 4350                                                          | 6654*                                                                      | •                   | •   | •   |
| SPXI035.T                  | 1500    | 50 kA                  | 0.00712                         | 14.02                                       | 7.85                                       | 257                                                           | 1794*                                                                      | •                   | •   |     |
| SPXI040.T                  | 1500    | 50 kA                  | 0.00548                         | 14.10                                       | 7.90                                       | 362                                                           | 5726*                                                                      | •                   | •   |     |
| SPXI045.T                  | 1500    | 50 kA                  | 0.00464                         | 14.75                                       | 8.26                                       | 588                                                           | 5521*                                                                      | •                   | •   |     |
| SPXI050.T                  | 1500    | 50 kA                  | 0.00415                         | 17.83                                       | 9.99                                       | 657                                                           | 7058*                                                                      | •                   | •   |     |

\*Total Clearing I<sup>2</sup>t (A<sup>2</sup>s) 50 kA

# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

### SPXI-B and SPXI-BM Electrical Specifications (Bigger Crimp Barrel)

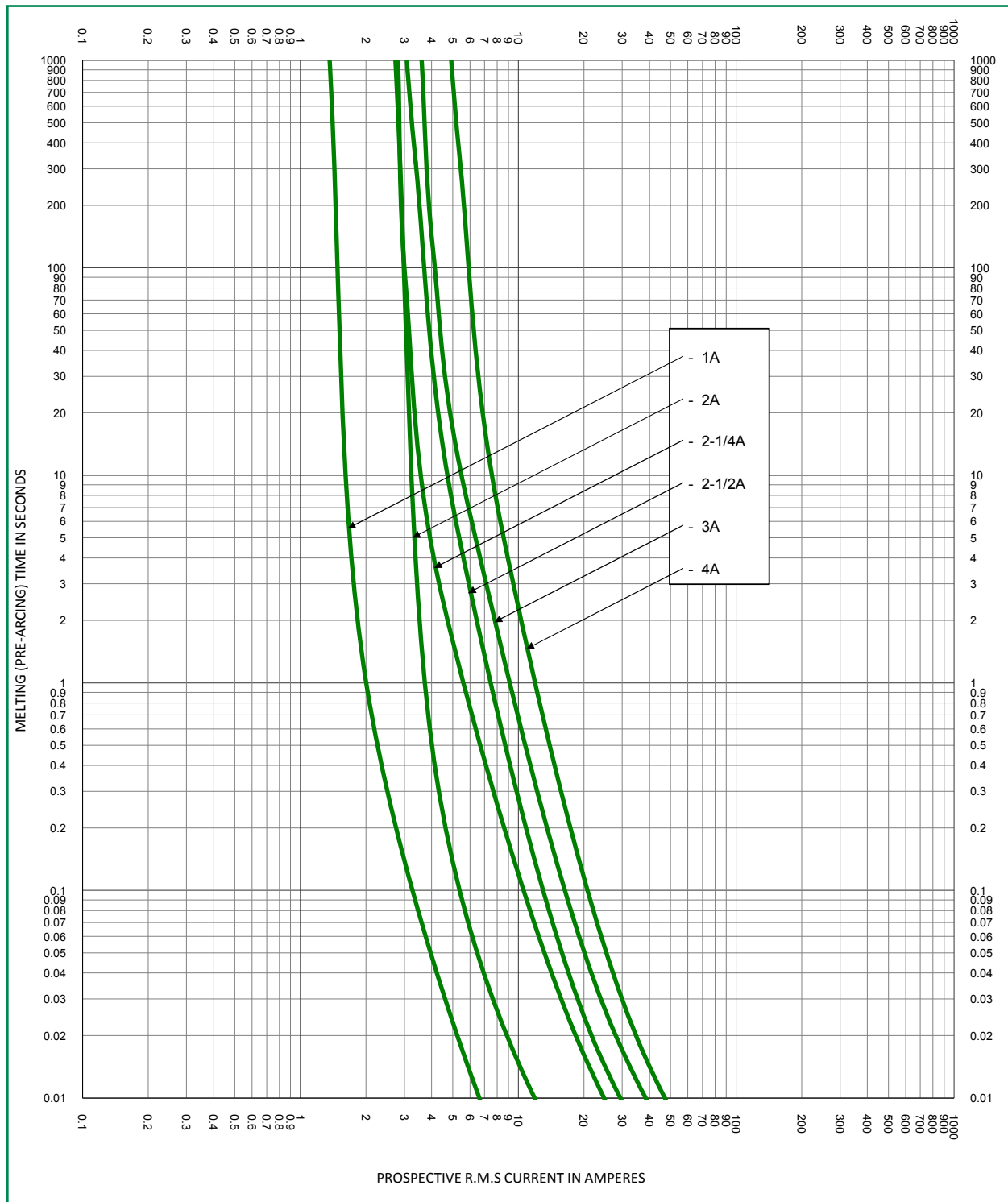
| ORDERING NUMBER              | VOLTAGE | INTERRUPTING RATING | NOM COLD RESISTANCE (ohm) | WATTS LOSS AT 100 % RATED CURRENT (W) | WATTS LOSS AT 80 % RATED CURRENT (W) | MELTING I <sup>2</sup> t (A <sup>2</sup> s) (1500 V DC) | TOTAL CLEARING I <sup>2</sup> t (A <sup>2</sup> s) 15 kA (1500 V DC) | AGENCY APPROVALS |     |
|------------------------------|---------|---------------------|---------------------------|---------------------------------------|--------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------|------------------|-----|
|                              | DC      | DC                  |                           |                                       |                                      |                                                         |                                                                      | UL               | TUV |
| SPXI001.TXB<br>SPXI001.LXB   | 1500    | 30 kA               | 0.625                     | 1.07                                  | 0.56                                 | 0.29                                                    | 0.53                                                                 | •                | •   |
| SPXI002.TXB<br>SPXI002.LXB   | 1500    | 30 kA               | 0.191                     | 1.32                                  | 0.70                                 | 1.55                                                    | 5.13                                                                 | •                | •   |
| SPXI2.25TXB<br>SPXI2.25LXB   | 1500    | 30 kA               | 0.125                     | 0.90                                  | 0.50                                 | 5                                                       | 13                                                                   | •                | •   |
| SPXI02.5TXB<br>SPXI02.5LXB   | 1500    | 30 kA               | 0.099                     | 0.86                                  | 0.48                                 | 7                                                       | 16                                                                   | •                | •   |
| SPXI003.TXB<br>SPXI003.LXB   | 1500    | 30 kA               | .0721                     | .92                                   | .51                                  | 14                                                      | 40                                                                   | •                | •   |
| SPXI03.5TXB<br>SPXI03.5LXB   | 1500    | 30 kA               | 0.0711                    | 1.56                                  | 0.81                                 | 25                                                      | 50                                                                   | •                | •   |
| SPXI004.TXB<br>SPXI004.LXB   | 1500    | 30 kA               | 0.0438                    | 0.95                                  | 0.56                                 | 57                                                      | 95                                                                   | •                | •   |
| SPXI04.5TXB<br>SPXI04.5LXB   | 1500    | 30 kA               | 0.0899                    | 2.84                                  | 1.54                                 | 34                                                      | 55                                                                   | •                | •   |
| SPXI005.TXB<br>SPXI005.LXB   | 1500    | 30kA                | 0.0644                    | 3.04                                  | 1.59                                 | 48                                                      | 71                                                                   | •                | •   |
| SPXI006.TXB<br>SPXI006.LXB   | 1500    | 30 kA               | 0.0576                    | 3.05                                  | 1.71                                 | 49                                                      | 75                                                                   | •                | •   |
| SPXI008.TXB<br>SPXI008.LXB   | 1500    | 30 kA               | 0.0349                    | 3.26                                  | 1.84                                 | 121                                                     | 214                                                                  | •                | •   |
| SPXI010.TXB<br>SPXI010.LXB   | 1500    | 30 kA               | 0.0223                    | 3.25                                  | 1.82                                 | 407                                                     | 509                                                                  | •                | •   |
| SPXI012.TXB<br>SPXI012.LXB   | 1500    | 30 kA               | 0.0163                    | 3.34                                  | 1.89                                 | 798                                                     | 951                                                                  | •                | •   |
| SPXI015.TXB<br>SPXI015.LXB   | 1500    | 30 kA               | 0.0131                    | 5.27                                  | 3.05                                 | 299                                                     | 637                                                                  | •                | •   |
| SPXI016.TXB<br>SPXI016.LXB   | 1500    | 30 kA               | 0.013                     | 5.32                                  | 3.08                                 | 404                                                     | 666                                                                  | •                | •   |
| SPXI020.TXB<br>SPXI020.LXB   | 1500    | 30 kA               | 0.0085                    | 5.38                                  | 3.14                                 | 701                                                     | 1464                                                                 | •                | •   |
| SPXI025.TXBM<br>SPXI025.LXBM | 1500    | 50 kA               | 0.00665                   | 5.9                                   | 3.3                                  | 2304                                                    | 3256*                                                                | •                | •   |
| SPXI030.TXBM<br>SPXI030.LXBM | 1500    | 50 kA               | 0.00526                   | 6.7                                   | 3.8                                  | 3792                                                    | 5543*                                                                | •                | •   |
| SPXI032.TXBM<br>SPXI032.LXBM | 1500    | 50 kA               | 0.00459                   | 7.0                                   | 3.9                                  | 4350                                                    | 6655*                                                                | •                | •   |
| SPXI035.TXB                  | 1500    | 50 kA               | 0.00735                   | 12.58                                 | 7.04                                 | 257                                                     | 1794*                                                                | •                | •   |
| SPXI040.TXB                  | 1500    | 50 kA               | 0.00548                   | 13.50                                 | 7.56                                 | 362                                                     | 5726*                                                                | •                | •   |
| SPXI045.TXB                  | 1500    | 50 kA               | 0.00458                   | 15.02                                 | 8.41                                 | 588                                                     | 5521*                                                                | •                | •   |
| SPXI050.TXB                  | 1500    | 50 kA               | 0.00412                   | 16.75                                 | 9.38                                 | 657                                                     | 7058*                                                                | •                | •   |
| SPXI055.TXB                  | 1500    | 50 kA               | 0.00365                   | 17.82                                 | 9.98                                 | 853                                                     | 8783*                                                                | •                | •   |
| SPXI060.TXB                  | 1500    | 50 kA               | 0.00326                   | 21.02                                 | 11.77                                | 1030                                                    | 11682*                                                               | •                | •   |

\*Total Clearing I<sup>2</sup>t (A<sup>2</sup>s) 50 kA

# POWR-GARD® Fuse

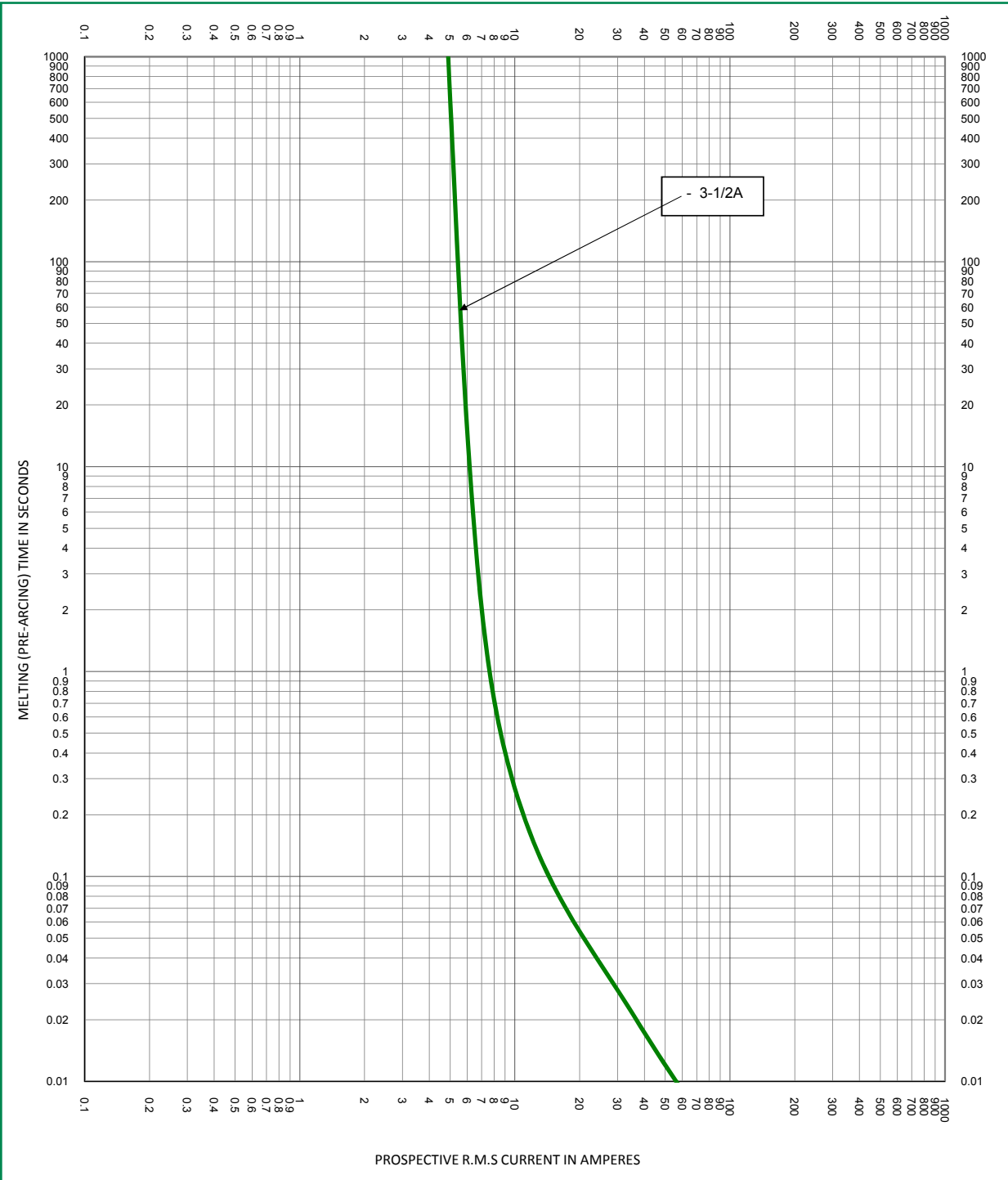
## SPXI SERIES IN-LINE SOLAR FUSE

### Time Current Curve SPXI and SPXI-B 1-4 A



**POWR-GARD® Fuse**  
SPXI SERIES IN-LINE SOLAR FUSE

**Time Current Curve**  
SPXI and SPXI-B 3 1/2 A

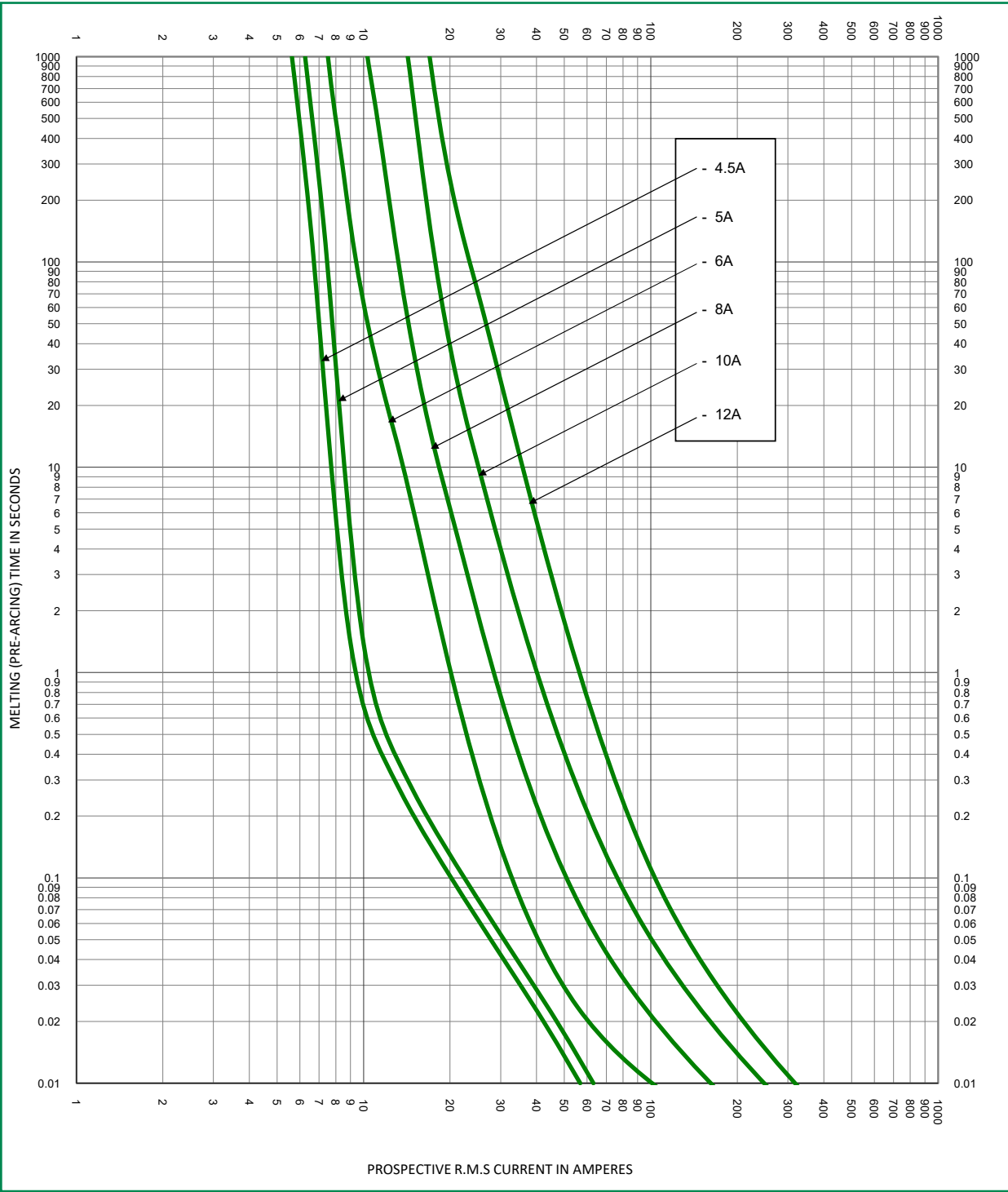


# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

### Time Current Curve

SPXI and SPXI-B 4.5–12 A

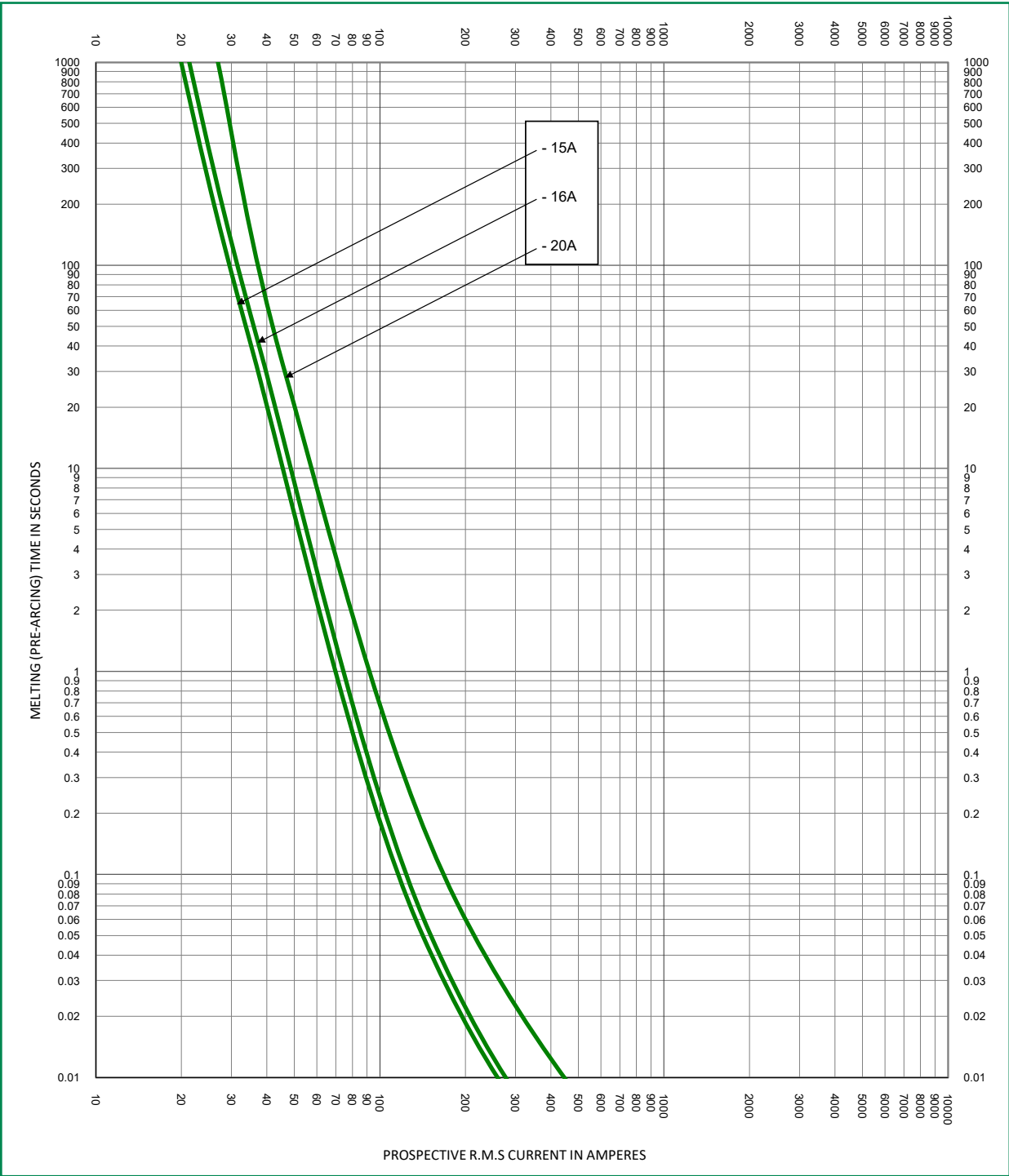


# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

### Time Current Curve

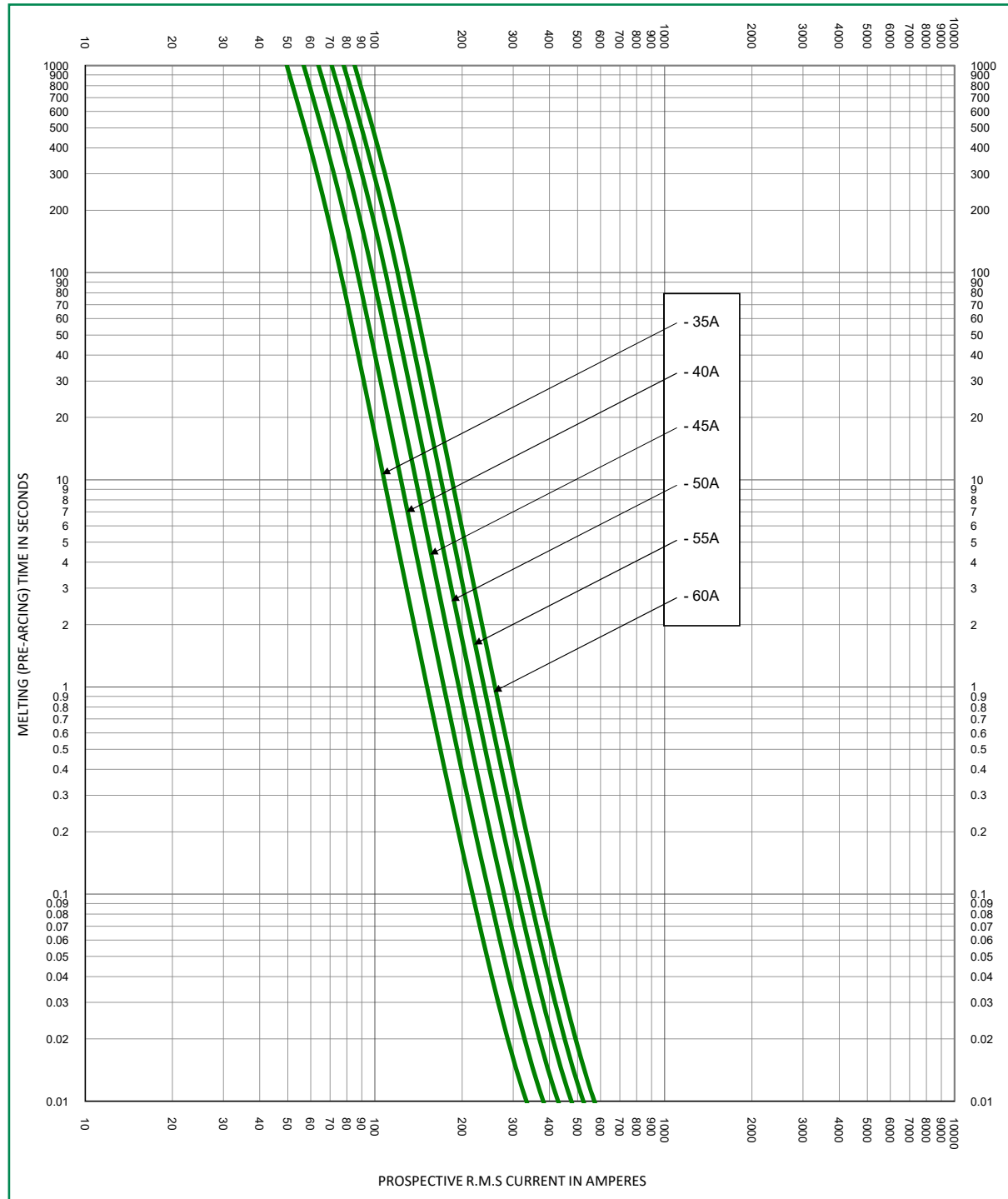
SPXI and SPXI-B 15-20 A



# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

### Time Current Curve SPXI and SPXI-B 35–60 A

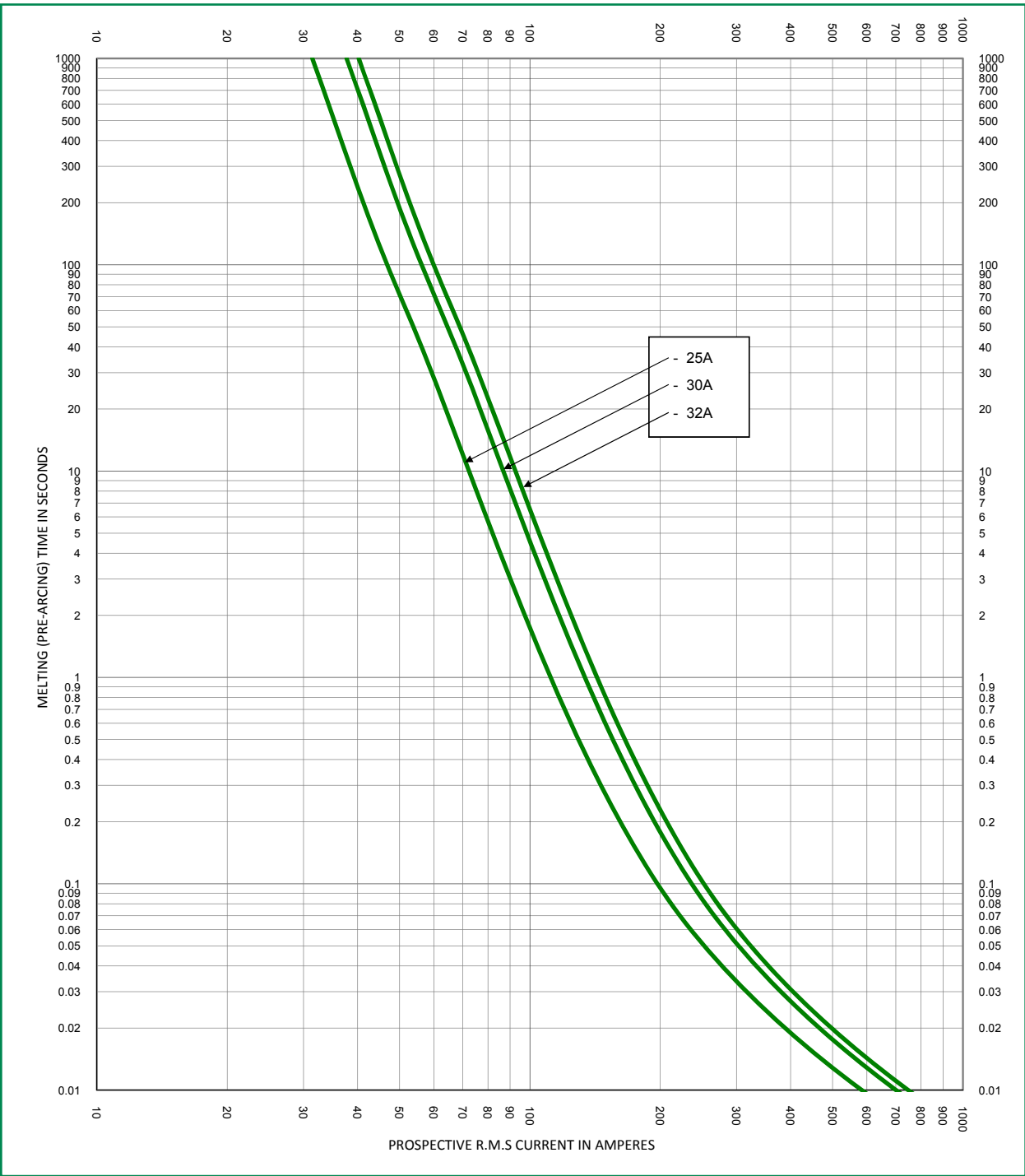


# POWR-GARD® Fuse

## SPXI SERIES IN-LINE SOLAR FUSE

### Time Current Curve

SPXI-M and SPXI-BM 25-32 A



**Disclaimer Notice** – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at [www.littelfuse.com/product-disclaimer](http://www.littelfuse.com/product-disclaimer).