

# POWR-GARD® Blocks & Holders

## LSCR SERIES HIGH-SPEED FUSE BLOCKS

700 V • 1000 V • 1500 V



### Description

Littelfuse LSCR series is a comprehensive line of modular fuse blocks, designed to accommodate a wide range of high-speed and UL power fuses. These LSCR series blocks have a modular stud-type design that enables easy mounting in panel boards.

### Features/Benefits

- Modular design reduces inventory requirements
- Supplied with nut and Belleville washer

### Specifications

|                              |                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------|
| <b>Voltage Rating</b>        | 700 V / 1000 V / 1500 V                                                                  |
| <b>Ampere Rating</b>         | 400 A, 800 A and 1200 A                                                                  |
| <b>Withstand Rating</b>      | 200 kA / 250 kA                                                                          |
| <b>Approvals</b>             | UL Recognized (File: E14721)<br>cURus Recognized (E14721)<br>CSA Certified (File: 73160) |
| <b>Material Base</b>         | Molded phenolic or thermoplastic                                                         |
| <b>Terminal Construction</b> | Steel, zinc-plated                                                                       |
| <b>Flammability Rating</b>   | UL 94 V-0                                                                                |
| <b>Environmental</b>         | RoHS compliant                                                                           |
| <b>Country of Origin</b>     | LSCR0xx - China<br>LSCR1xx - USA                                                         |

### Web Resources

For more information, visit: [Littelfuse.com/LSCR](https://www.littelfuse.com/LSCR)

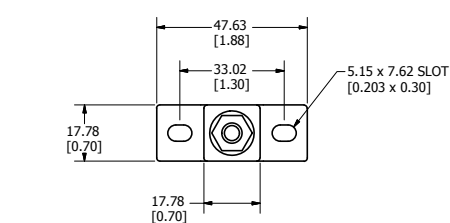
### Electrical & Mechanical Specifications

| CATALOG/<br>ORDERING<br>NUMBER | AMPERE<br>RATING | VOLTAGE<br>RATING |        | INTERRUPTING<br>RATING |        | INSULATOR       |                          | SUGGESTED STUD<br>TORQUE |           | MOUNTING<br>FASTER<br>SIZE | SUGGESTED<br>FASTENER<br>TORQUE |         | AGENCY<br>APPROVALS |       |     |
|--------------------------------|------------------|-------------------|--------|------------------------|--------|-----------------|--------------------------|--------------------------|-----------|----------------------------|---------------------------------|---------|---------------------|-------|-----|
|                                |                  | AC                | DC     | AC                     | DC     | MATERIAL        | MAX. BASE<br>TEMPERATURE | (in.lbs)                 | (N•m)     |                            | (in.lbs)                        | (N•m)   | UR                  | cURus | CSA |
| LSCR001                        | 400 A            | 700 V             | 1500 V | 200 kA                 | 250 kA | Molded Phenolic | 150 °C (302 °F)          | 61                       | 6.8       | #10                        | 20–25                           | 2.3–2.8 | •                   |       | •   |
| LSCR002                        | 800 A            | 700 V             | 1500 V | 200 kA                 | 250 kA | Molded Phenolic | 150 °C (302 °F)          | 192                      | 21.6      | #10                        | 20–25                           | 2.3–2.8 | •                   |       | •   |
| LSCR101                        | 400 A            | 1000 V            | 1000 V | 200 kA                 | 200 kA | Thermoplastic   | 125 °C (257 °F)          | 67.5–82.5                | 7.6–9.3   | #10                        | 12 max                          | 1.3 max |                     | •     |     |
| LSCR102                        | 800 A            | 1000 V            | 1000 V | 200 kA                 | 200 kA | Thermoplastic   | 125 °C (257 °F)          | 207–253                  | 23.4–28.6 | #10                        | 12 max                          | 1.3 max |                     | •     |     |
| LSCR103                        | 1200 A           | 1000 V            | 1000 V | 200 kA                 | 200 kA | Thermoplastic   | 125 °C (257 °F)          | 270–330                  | 30.5–37.3 | ¼"                         | 12 max                          | 1.3 max |                     | •     |     |

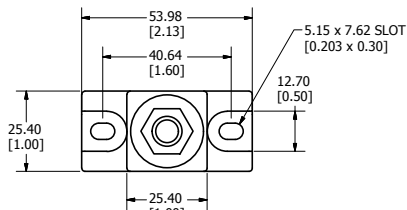
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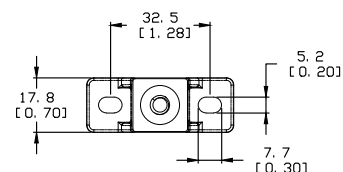
### Dimensions mm (inches)



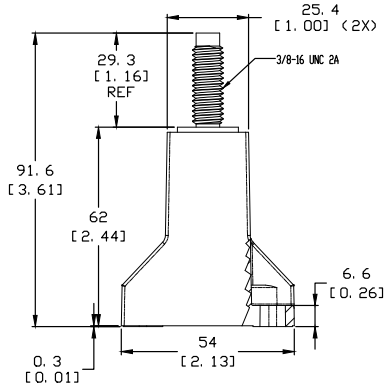
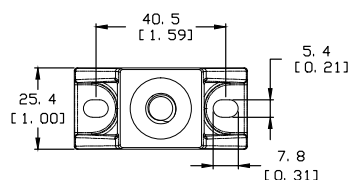
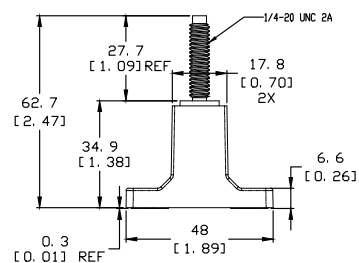
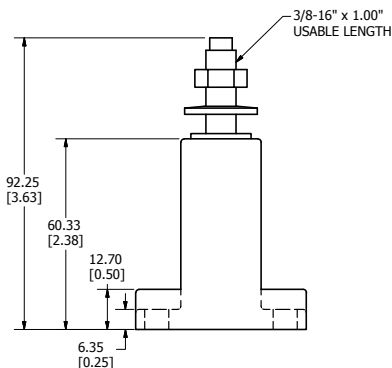
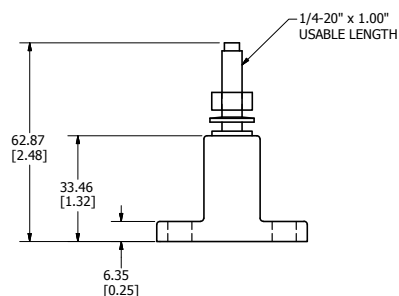
LSCR001



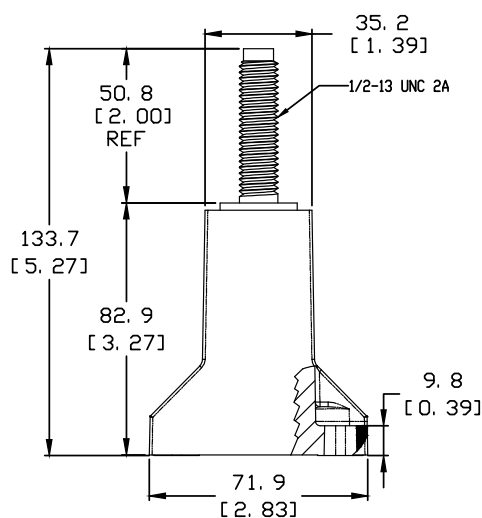
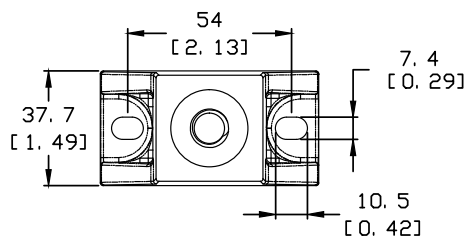
LSCR002



LSCR101



LSCR102



LSCR103

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## LSCR SERIES HIGH-SPEED FUSE BLOCKS

### High-Speed Fuse Block Selection Guide

| FUSE SERIES | CATALOG NUMBER | LSCR001            | LSCR002            | LSCR101      | LSCR102      | LSCR103      |
|-------------|----------------|--------------------|--------------------|--------------|--------------|--------------|
|             | TERMINAL SIZE  | 1/4–20 UNC         | 3/8–16 UNC         | 1/4–20 UNC   | 3/8–16 UNC   | 1/2–13 UNC   |
|             | VOLTAGE RATING | 700 V ac/1500 V dc | 700 V ac/1500 V dc | 1000 V ac/dc | 1000 V ac/dc | 1000 V ac/dc |
|             | AMPERE RATING  | 400 A              | 800 A              | 400 A        | 800 A        | 1200 A       |
| L15S        | 70–400         | X                  |                    | X            |              |              |
|             | 500–800        |                    | X                  |              | X            |              |
| L17T        | 70–250         | X                  |                    | X            |              |              |
|             | 300–800        |                    | X                  |              | X            |              |
| L25S        | 35–200         | X                  |                    | X            |              |              |
|             | 225–800        |                    | X                  |              | X            |              |
| L50S        | 35–200         | X                  |                    | X            |              |              |
|             | 225–800        |                    | X                  |              | X            |              |
|             | 700–800        |                    |                    |              |              | X            |
| L50QS       | 35–200         | X                  |                    | X            |              |              |
|             | 225–800        |                    | X                  |              | X            |              |
|             | 700–800        |                    |                    |              |              | X            |
| L60S        | 35–200         | X                  |                    | X            |              |              |
|             | 225–800        |                    | X                  |              | X            |              |
|             | 700–800        |                    |                    |              |              | X            |
| KLC         | 35–60          | X                  |                    | X            |              |              |
|             | 70–800         |                    | X                  |              | X            |              |
|             | 225–800        |                    |                    |              |              | X            |
| L70S        | 35–100         | X                  |                    | X            |              |              |
|             | 125–800        |                    | X                  |              | X            |              |
|             | 450–800        |                    |                    |              |              | X            |
| L70QS       | 35–100         | X                  |                    | X            |              |              |
|             | 125–800        |                    | X                  |              | X            |              |
|             | 450–800        |                    |                    |              |              | X            |
| JLLN        | 70–200         | X                  |                    | X            |              |              |
|             | 225–800        |                    | X                  |              | X            |              |
|             | 900–1200       |                    |                    |              |              | X            |
| JLLS        | 70–200         | X                  |                    | X            |              |              |
|             | 225–800        |                    | X                  |              | X            |              |
|             | 900–1200       |                    |                    |              |              | X            |
| JLS         | 70–100         | X                  |                    | X            |              |              |
|             | 110–200        | X                  |                    | X            |              |              |
|             | 225–400        |                    | X                  |              | X            |              |
|             | 450–600        |                    | X                  |              | X            |              |
| SPFJ        | 70–100         | X                  |                    | X            |              |              |
|             | 125–200        | X                  |                    | X            |              |              |
|             | 250–400        |                    | X                  |              | X            |              |
|             | 450            |                    |                    |              |              | X            |
| L750S       | 35–100         | X                  |                    | X            |              |              |
|             | 125–800        |                    | X                  |              | X            |              |
|             | 450–800        |                    |                    |              |              | X            |

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|-------------|----------------|--------------------|--------------------|--------------|--------------|--------------|
|             | TERMINAL SIZE  | 1/4–20 UNC         | 3/8–16 UNC         | 1/4–20 UNC   | 3/8–16 UNC   | 1/2–13 UNC   |
|             | VOLTAGE RATING | 700 V ac/1500 V dc | 700 V ac/1500 V dc | 1000 V ac/dc | 1000 V ac/dc | 1000 V ac/dc |
|             | AMPERE RATING  | 400 A              | 800 A              | 400 A        | 800 A        | 1200 A       |
| ESR1XLDB    | 125–250        |                    | X                  |              |              |              |
| ESR1XLUB    | 125–250        |                    |                    |              |              | X            |
| ESR3XLDB    | 250–630        |                    | X                  |              |              |              |
| EV1K        | 60–125         | X                  |                    |              |              |              |
| EV1K        | 150–600        |                    | X                  |              |              |              |
| PSR030DL    | 40–550         |                    | X                  |              |              |              |
| PSR030DS    | 40–550         |                    | X                  |              |              |              |
| PSR030UL    | 40–550         |                    | X                  |              |              |              |
| PSR030US    | 40–550         |                    | X                  |              |              |              |
| PSR031DL    | 200–800        |                    | X                  |              |              |              |
| PSR031DS    | 200–800        |                    | X                  |              |              |              |
| PSR031UL    | 200–800        |                    |                    |              |              | X            |
| PSR031US    | 200–800        |                    |                    |              |              | X            |
| PSR032DL    | 400–800        |                    | X                  |              |              |              |
| PSR032DS    | 400–800        |                    | X                  |              |              |              |
| PSR032UL    | 400–1100       |                    |                    |              |              | X            |
| PSR032US    | 400–1100       |                    |                    |              |              | X            |
| PSR033DL    | 450–800        |                    | X                  |              |              |              |
| PSR033DS    | 450–800        |                    | X                  |              |              |              |
| PSR070DL    | 50–315         |                    | X                  |              | X            |              |
| PSR070UL    | 50–315         |                    | X                  |              | X            |              |
| PSR071DL    | 160–450        |                    | X                  |              | X            |              |
| PSR071UL    | 160–450        |                    |                    |              |              | X            |
| PSR072DL    | 250–630        |                    | X                  |              | X            |              |
| PSR072UL    | 250–630        |                    |                    |              |              | X            |
| PSR073DL    | 315–700        |                    | X                  |              | X            |              |
| PSX1XLDB    | 80–700         |                    | X                  |              |              |              |
| PSX1XLUB    | 80–700         |                    |                    |              |              | X            |
| PSX3XLDB    | 450–630        |                    | X                  |              |              |              |

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