

# LSCR SERIES HIGH-SPEED FUSE BLOCKS

700 V/1000 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 modular stud type design that enables easy mounting in panel boards.

LSCR Series blocks are CE Certified and RoHS Compliant.

## Features/Benefits

- Modular design reduces inventory requirements
- Sold in pairs for convenience
- Supplied with nut and belleville washer
- 200kA Short-circuit withstand rating
- Constructed of molded phenolic (with plated steel studs) provide greater heat dissipation

## Specifications

|                            |                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------|
| <b>Voltage Rating</b>      | 700 V / 1000 V                                                                               |
| <b>Ampere Ratings</b>      | 400A, 800A and 1200A                                                                         |
| <b>Withstand Rating</b>    | 200kA                                                                                        |
| <b>Approvals</b>           | UL Recognized (File: E14721)<br>cURus Recognized (E14721)<br>CSA Certified (File: 73160)     |
| <b>Material</b>            | <b>Base:</b> Molded Phenolic or Thermoplastic<br><b>Terminal Construction:</b> Plated steel. |
| <b>Flammability Rating</b> | UL94 V-0                                                                                     |
| <b>Environmental</b>       | RoHS Compliant                                                                               |
| <b>Country of Origin</b>   | LSCR0xx - China<br>LSCR1xx - USA                                                             |

## Web Resources

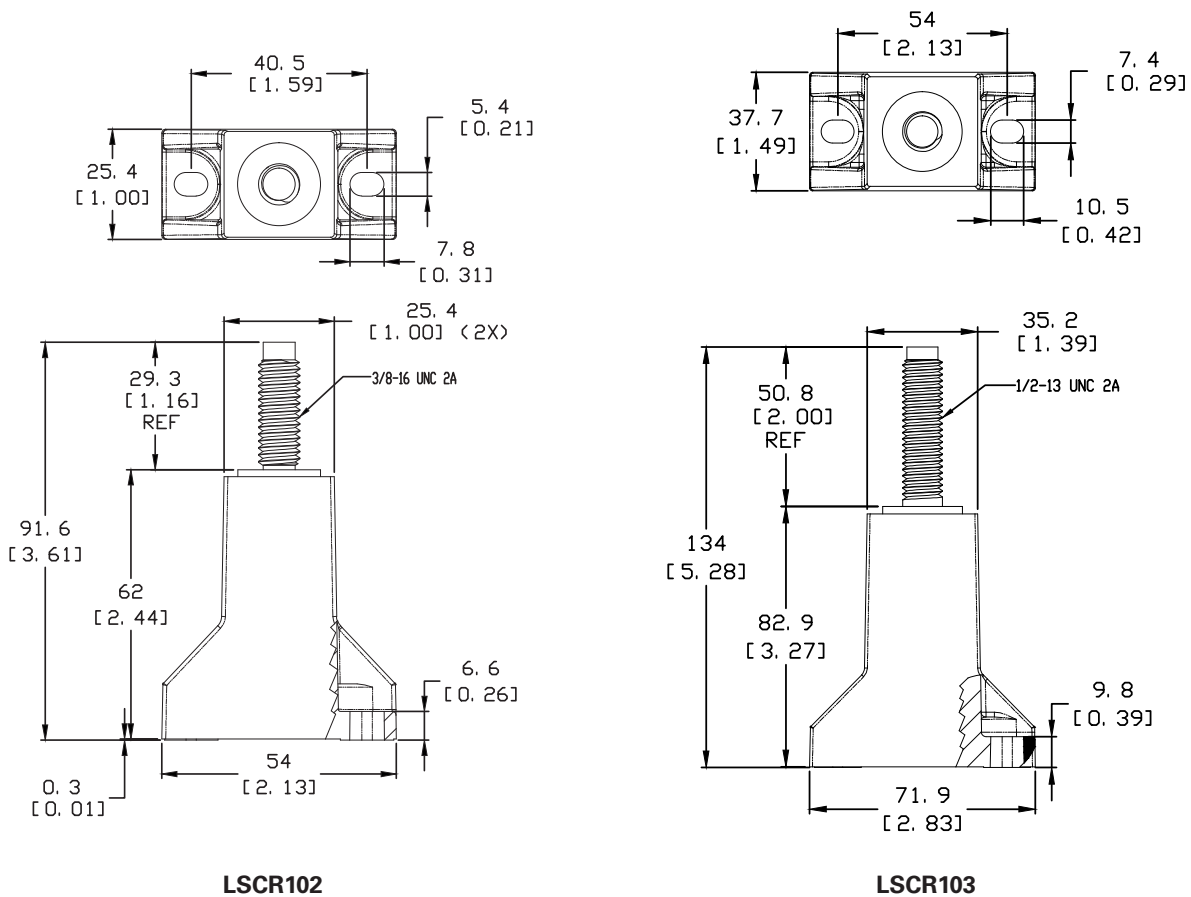
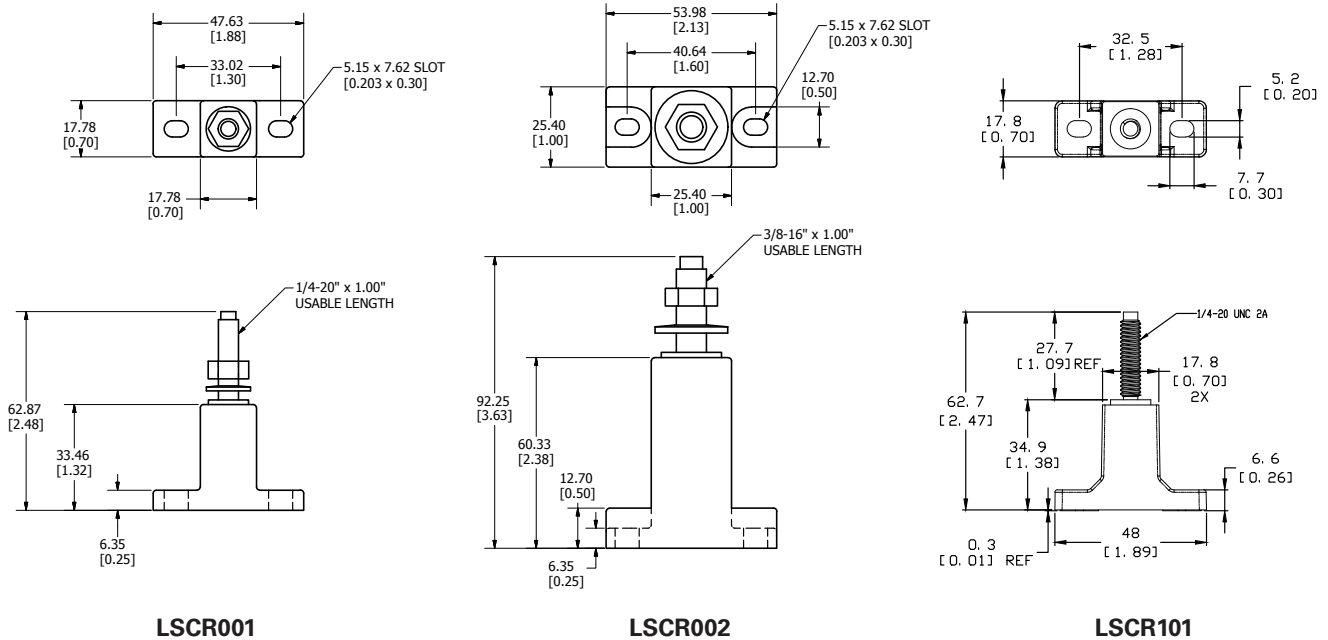
For more information, visit: [littelfuse.com/lscr](http://littelfuse.com/lscr)

## Electrical & Mechanical Specifications

| CATALOG/<br>ORDERING<br>NUMBER | AMPERE<br>RATING | VOLTAGE<br>RATING | TERMINAL<br>(STUD)<br>MATERIAL | INSULATOR       |                          | TERMINAL<br>(STUD) SIZE | STUD TORQUE |       | MOUNTING<br>FASTNER<br>SIZE | FASTENER<br>TORQUE |         | AGENCY APPROVALS |       |     |
|--------------------------------|------------------|-------------------|--------------------------------|-----------------|--------------------------|-------------------------|-------------|-------|-----------------------------|--------------------|---------|------------------|-------|-----|
|                                |                  |                   |                                | MATERIAL        | MAX. BASE<br>TEMPERATURE |                         | (in.lbs)    | (N-m) |                             | (in.lbs)           | (N-m)   | UR               | CURUS | CSA |
| LSCR001                        | 400A             | 700Vac/dc         | Plated Steel                   | Molded Phenolic | 150°C (302°F)            | ¼-20 UNC                | 61          | 6.9   | #10                         | 20-25              | 2.3-2.8 | •                |       | •   |
| LSCR002                        | 800A             | 700Vac/dc         | Plated Steel                   | Molded Phenolic | 150°C (302°F)            | 3/8-16 UNC              | 192         | 21.7  | #10                         | 20-25              | 2.3-2.8 | •                |       | •   |
| LSCR101                        | 400A             | 1000Vac/dc        | Steel, Zinc Plated             | Thermoplastic   | 125°C (257°F)            | ¼-20 UNC                | 75          | 8.5   | #10                         | 25-30              | 2.8-3.4 |                  | •     |     |
| LSCR102                        | 800A             | 1000Vac/dc        | Steel, Zinc Plated             | Thermoplastic   | 125°C (257°F)            | 3/8-16 UNC              | 230         | 26    | #10                         | 25-30              | 2.8-3.4 |                  | •     |     |
| LSCR103                        | 1200A            | 1000Vac/dc        | Steel, Zinc Plated             | Thermoplastic   | 125°C (257°F)            | ½-13 UNC                | 300         | 34    | ¼"                          | 25-30              | 2.8-3.4 |                  | •     |     |

# LSCR SERIES HIGH-SPEED FUSE BLOCKS

## Dimensions mm (inches)



# 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 | 700Vac/dc    | 700Vac/dc    | 1000Vac/dc   | 1000Vac/dc   | 1000Vac/dc   |
|             | AMPERE RATING  | 400A         | 800A         | 400A         | 800A         | 1200A        |
| 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            |              |
|             | 700-1200       |              |              |              |              | X            |
| JLLS        | 70-200         | X            |              | X            |              |              |
|             | 225-800        |              | X            |              | X            |              |
|             | 700-1200       |              |              |              |              | X            |
| JLS         | 70-100         | X            |              | X            |              |              |
|             | 110-200        | X            |              | X            |              |              |
|             | 225-400        |              | X            |              | X            |              |
| SPFJ        | 450-600        |              | X            |              | X            |              |
|             | 70-100         |              |              | X            |              |              |
|             | 125-200        |              |              | X            |              |              |
|             | 250-400        |              |              |              | X            |              |
| L75QS       | 450            |              |              |              |              | X            |
|             | 35-100         |              |              | X            |              |              |
|             | 125-800        |              |              |              | X            |              |
|             | 450-800        |              |              |              |              | X            |

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