



**THE DATASHEET OF  
LA15QS10004**



# ALTERNATE DIMENSION SEMICONDUCTOR FUSES

150 Vac • Very Fast-Acting • 1-6000 A



## LA15QS Series

| AMPERE RATING | CATALOG NUMBER | MOUNTING TYPE | MAXIMUM CLEARING I <sup>2</sup> t @ 150 Vac (A <sup>2</sup> s x 10 <sup>3</sup> ) | WATTS LOSS @ RATED CURRENT (W) |
|---------------|----------------|---------------|---|--------------------------------|
| 1             | LA15QS1-2      | 2             | 0.0002  | 0.68                           |
| 3             | LA15QS3-2      | 2             | 0.003   | 1.7                            |
| 4             | LA15QS4-2      | 2             | 0.007   | 2.1                            |
| 5             | LA15QS5-2      | 2             | 0.012   | 2.8                            |
| 6             | LA15QS6-2      | 2             | 0.022   | 3.1                            |
| 7             | LA15QS7-2      | 2             | 0.011   | 2.2                            |
| 8             | LA15QS8-2      | 2             | 0.015   | 2.5                            |
| 10            | LA15QS10-2     | 2             | 0.019   | 2.6                            |
| 12            | LA15QS12-2     | 2             | 0.030   | 3                              |
| 15            | LA15QS15-2     | 2             | 0.042   | 3                              |
| 20            | LA15QS20-2     | 2             | 0.072   | 4                              |
| 25            | LA15QS25-2     | 2             | 0.14  | 5.2                            |
| 30            | LA15QS30-2     | 2             | 0.25  | 5.6                            |
| 35            | LA15QS35-1     | 1             | 0.21  | 9                              |
| 40            | LA15QS40-1     | 1             | 0.28  | 10                             |
| 40            | LA15QS40-4TI   | 4TI           | 0.39  | 3.1                            |
| 45            | LA15QS45-1     | 1             | 0.34  | 12                             |
| 50            | LA15QS50-1     | 1             | 0.47  | 13                             |
| 50            | LA15QS50-4     | 4             | 0.64  | 4                              |
| 55            | LA15QS55-1     | 1             | Contact Factory   | Contact Factory                |
| 60            | LA15QS60-1     | 1             | 0.94  | 14                             |
| 70            | LA15QS70-4     | 4             | 2   | 5.6                            |
| 70            | LA15QS70-4TI   | 4TI           | 2   | 5.6                            |
| 80            | LA15QS80-4     | 4             | 2.5   | 8                              |
| 80            | LA15QS80-4TI   | 4TI           | 2.5   | 8                              |
| 90            | LA15QS90-4     | 4             | 3.1   | 9                              |
| 100           | LA15QS100-4    | 4             | 3.6   | 10                             |
| 100           | LA15QS100-4TI  | 4TI           | 3.6   | 10                             |
| 130           | LA15QS130-4    | 4             | 5.3   | 14                             |
| 130           | LA15QS130-4TI  | 4TI           | 5.3   | 14                             |
| 150           | LA15QS150-4    | 4             | 6.8   | 16                             |
| 150           | LA15QS150-4IL  | 4IL           | 6.8   | 16                             |
| 150           | LA15QS150-4TI  | 4TI           | 6.8   | 16                             |
| 200           | LA15QS200-4    | 4             | 9   | 22                             |
| 200           | LA15QS200-4IL  | 4IL           | 9   | 22                             |

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|---------------|------------------|---------------|---|--------------------------------|
| 250           | LA15QS250-4      | 4             | 15  | 22                             |
| 250           | LA15QS250-4TI    | 4TI           | 15  | 27                             |
| 300           | LA15QS300-4      | 4             | 22  | 33                             |
| 300           | LA15QS300-4IL    | 4IL           | 22  | 33                             |
| 300           | LA15QS300-4TL    | 4TI           | 22  | 33                             |
| 350           | LA15QS350-4      | 4             | 32  | 40                             |
| 350           | LA15QS350-4TI    | 4TI           | 32  | 40                             |
| 400           | LA15QS400-4      | 4             | 40  | 45                             |
| 400           | LA15QS400-4IL    | 4IL           | 40  | 45                             |
| 400           | LA15QS400-4TI    | 4TI           | 40  | 45                             |
| 450           | LA15QS450-4      | 4             | 50  | 50                             |
| 450           | LA15QS450-4IL    | 4IL           | 50  | 50                             |
| 500           | LA15QS500-4      | 4             | 90  | 30                             |
| 500           | LA15QS500-4IL    | 4IL           | 90  | 30                             |
| 600           | LA15QS600-4      | 4             | 130   | 35                             |
| 600           | LA15QS600-4IL    | 4IL           | 130   | 35                             |
| 800           | LA15QS800-4      | 4             | 290   | 57                             |
| 1000          | LA15QS1000-4     | 4             | 520   | 75                             |
| 1000          | LA15QS1000-4IL   | 4IL           | 520   | 75                             |
| 1000          | LA15QS1000-4TI   | 4TI           | 520   | 75                             |
| 1000          | LA15QS1000-128   | 128           | 540   | 88                             |
| 1000          | LA15QS1000-128IL | 128IL         | 540   | 88                             |
| 1200          | LA15QS1200-128   | 128           | 680   | 100                            |
| 1200          | LA15QS1200-128IL | 128IL         | 680   | 100                            |
| 1500          | LA15QS1500-128   | 128           | 1200  | 130                            |
| 1500          | LA15QS1500-128IL | 128IL         | 1200  | 130                            |
| 2000          | LA15QS2000-128   | 128           | 1900  | 165                            |
| 2000          | LA15QS2000-128IL | 128IL         | 1900  | 165                            |
| 2500          | LA15QS2500-128   | 128           | 3200  | 195                            |
| 2500          | LA15QS2500-128IL | 128IL         | 3200  | 195                            |
| 3000          | LA15QS3000-128   | 128           | 4800  | 240                            |
| 3000          | LA15QS3000-128IL | 128IL         | 4800  | 240                            |
| 3500          | LA15QS3500-128   | 128           | 6500  | 260                            |
| 4000          | LA15QS4000-128   | 128           | 8500  | 270                            |
| 4000          | LA15QS4000-128IL | 128IL         | 8500  | 270                            |
| 5000          | LA15QS5000-128   | 128           | Contact Factory   | Contact Factory                |
| 6000          | LA15QS6000-128   | 128           | Contact Factory   | Contact Factory                |

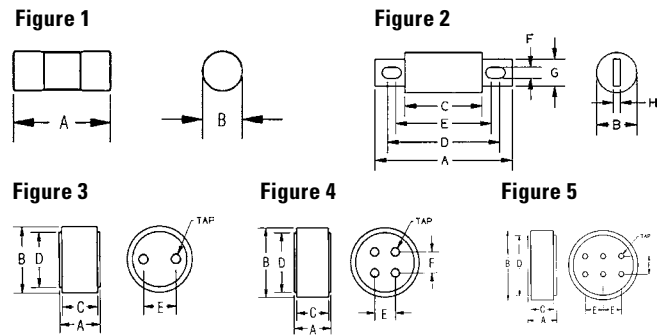
## Specifications

|                            |                        |
|----------------------------|------------------------|
| <b>Voltage Rating</b>      | AC: 150 V<br>DC: 150 V |
| <b>Interrupting Rating</b> | 100 kA                 |
| <b>Ampere Range</b>        | 1 – 6000 A             |
| <b>Approvals</b>           | UL Recognized          |

## Web Resources

For additional information, visit: [littelfuse.com/la15qs](http://littelfuse.com/la15qs)

## Dimensions





| AMPERE RATINGS | MOUNTING TYPE | FIGURE NO. | DIMENSIONS INCHES (mm) |             |             |             |             |             |             |            | TAP |                 |
|----------------|---------------|------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-----|-----------------|
|                |               |            | A                      | B           | C           | D           | E           | F           | G           | H          |     |                 |
| 1 – 30         | 2             | 1          | 1.50 (38.1)            | 0.41 (10.4) | –           | –           | –           | –           | –           | –          | –   | –               |
| 35 – 60        | 1             | 1          | 2.00 (50.8)            | 0.81 (20.6) | –           | –           | –           | –           | –           | –          | –   | –               |
| 40 – 450       | 4, 4TI*, 4IL* | 2          | 2.66 (67.6)            | 1.00 (25.4) | 1.16 (29.5) | 2.19 (55.6) | 1.91 (48.5) | 0.31 (7.9)  | 0.88 (22.4) | 0.19 (4.8) | –   | –               |
| 500 – 1000     | 4, 4TI*, 4IL* | 2          | 3.50 (88.9)            | 1.50 (38.1) | 1.25 (31.8) | 2.56 (65.0) | 1.94 (49.3) | 0.41 (10.4) | 1.00 (25.4) | 0.25 (6.4) | –   | –               |
| 750 – 2000     | 128, 128IL*   | 3          | 1.88 (47.9)            | 2.00 (50.8) | 1.63 (41.4) | 1.75 (44.5) | 1.00 (25.4) | –           | –           | –          | –   | 3/4-24-1/2 deep |
| 2500 – 3000    | 128, 128IL*   | 3          | 1.88 (47.9)            | 3.00 (76.2) | 1.63 (41.4) | 2.50 (63.5) | 1.50 (38.1) | –           | –           | –          | –   | 1/2-20-1/2 deep |
| 3500 – 4000    | 128, 128IL*   | 4          | 1.88 (47.9)            | 3.50 (88.9) | 1.63 (41.4) | 3.00 (76.2) | 1.06 (27.0) | 1.06 (27.0) | –           | –          | –   | 1/2-20-1/2 deep |
| 5000 – 6000    | 128           | 5          | 2.38 (60.5)            | 5.75 (146)  | 1.88 (47.7) | 5.00 (127)  | 1.50 (38.1) | 1.50 (38.1) | –           | –          | –   | 1/2-20-1/2 deep |

\*Optional Trigger Actuator (IL). Optional Trigger Indicator (TI) see web for dimensions.

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View LA15QS10004 on WIN SOURCE](#)
-  [Littelfuse Inc. Information](#)

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