



**THE DATASHEET OF
LA15QS504**



ALTERNATE DIMENSION SEMICONDUCTOR FUSES

150 Vac • Very Fast-Acting • 1-6000 A



LA15QS Series

| AMPERE RATING | CATALOG NUMBER | MOUNTING TYPE | MAXIMUM CLEARING I ² t @ 150 Vac (A ² s x 10 ³) | 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 |

| AMPERE RATING | CATALOG NUMBER | MOUNTING TYPE | MAXIMUM CLEARING I ² t @ 150 Vac (A ² s x 10 ³) | WATTS LOSS @ RATED CURRENT (W) |
|---------------|------------------|---------------|---|--------------------------------|
| 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 |

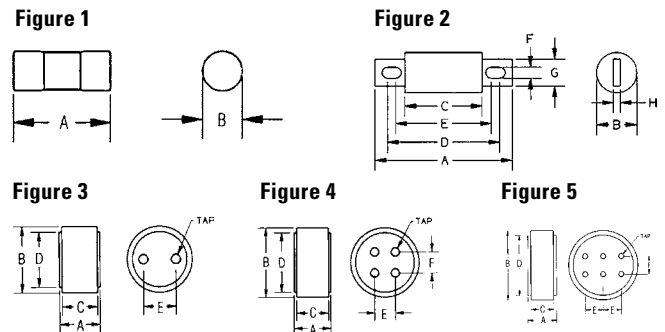
Specifications

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

Web Resources

For additional information, visit: littelfuse.com/la15qs

Dimensions



Dimensions for reference only.

| 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 LA15QS504 on WIN SOURCE](#)

 [Littelfuse Inc. Information](#)

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