

Type FSE/FSE-P Fast Acting Glass Tube Fuse 5 x 15 mm (2AG)



www.optifuse.com (619) 593-5050

Fuse Size:

4.5 x 14.5mm (0.177" x 0.571")

Agency Standards and Listings:



Ampere Rating: 300mA ~ 15A
Voltage Rating: 250VAC

Interrupt Rating:

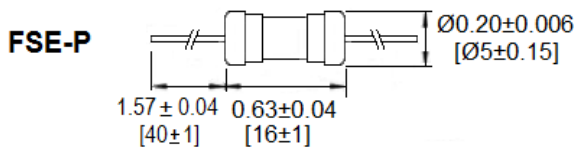
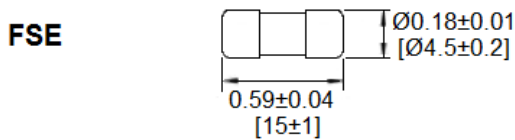
- 50A @ 250VAC (300mA-2.25A)
- 100A @ 250VAC (2.5A-5A)
- 100A @ 250VAC (1A-15A) PSE
- 100A @ 250VAC (300mA-7A) KC

| Electrical Characteristics: | | |
|-----------------------------|----|---------------|
| 100% | 4h | Min hold time |
| 135% | 1h | Max hold time |
| 200% | 5s | Max hold time |

Pigtail Lead: Copper Wire
 \varnothing 0.6mm (<8A)
 \varnothing 0.8mm (\geq 8A)

Operating Temp: -55°C ~ 125°C

Mechanical Dimensions: Inches[mm]



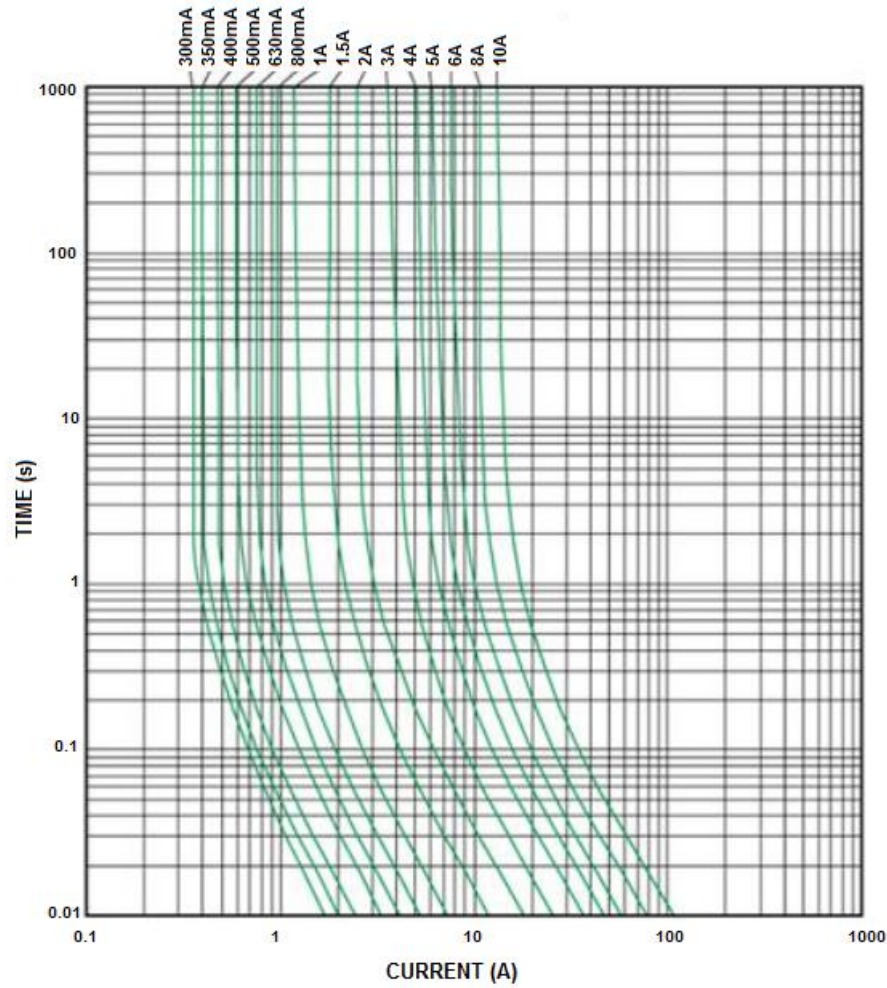
| Cartridge Part Number | Axial Lead Part Number | Ampere Rating | I ² T Reference (A ² Sec.) | | |
|-----------------------|------------------------|---------------|--------------------------------------------------|----|--------|
| | | | PSE | KC | |
| FSE-300mA | FSE-P-300mA | 300mA | | • | 0.0293 |
| FSE-315mA | FSE-P-315mA | 315mA | | • | 0.0335 |
| FSE-350mA | FSE-P-350mA | 350mA | | • | 0.040 |
| FSE-375mA | FSE-P-375mA | 375mA | | • | 0.044 |
| FSE-400mA | FSE-P-400mA | 400mA | | • | 0.060 |
| FSE-500mA | FSE-P-500mA | 500mA | | • | 0.109 |
| FSE-600mA | FSE-P-600mA | 600mA | | • | 0.167 |
| FSE-630mA | FSE-P-630mA | 630mA | | • | 0.174 |
| FSE-750mA | FSE-P-750mA | 750mA | | • | 0.275 |
| FSE-800mA | FSE-P-800mA | 800mA | | • | 0.284 |
| FSE-1A | FSE-P-1A | 1A | • | • | 0.525 |
| FSE-1.2A | FSE-P-1.2A | 1.2A | • | • | 0.604 |
| FSE-1.25A | FSE-P-1.25A | 1.25A | • | • | 0.626 |
| FSE-1.5A | FSE-P-1.5A | 1.5A | • | • | 1.426 |
| FSE-1.6A | FSE-P-1.6A | 1.6A | • | • | 1.500 |
| FSE-2A | FSE-P-2A | 2A | • | • | 3.436 |
| FSE-2.25A | FSE-P-2.25A | 2.25A | • | • | 3.727 |
| FSE-2.5A | FSE-P-2.5A | 2.5A | • | • | 5.695 |
| FSE-3A | FSE-P-3A | 3A | • | • | 6.546 |
| FSE-3.15A | FSE-P-3.15A | 3.15A | • | • | 7.202 |
| FSE-3.5A | FSE-P-3.5A | 3.5A | • | • | 9.454 |
| FSE-4A | FSE-P-4A | 4A | • | • | 13.37 |
| FSE-5A | FSE-P-5A | 5A | • | • | 21.78 |
| FSE-6A | FSE-P-6A | 6A | • | • | 33.06 |
| FSE-6.3A | FSE-P-6.3A | 6.3A | • | • | 36.45 |
| FSE-7A | FSE-P-7A | 7A | • | • | 45.44 |
| FSE-8A | FSE-P-8A | 8A | • | | 65.46 |
| FSE-9A | FSE-P-9A | 9A | • | | 84.27 |
| FSE-10A | FSE-P-10A | 10A | • | | 106.7 |
| FSE-12A | FSE-P-12A | 12A | • | | |
| FSE-15A | FSE-15A | 15A | • | | |

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PART NUMBER FSE/FSE-P TIME CURRENT CURVES



| | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Warning: | <ul style="list-style-type: none">-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.-Fuses are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.-Avoid contact of Fuse device with chemical solvent. Prolonged contact may damage the device performance. |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Note: All specifications subject to change without notice.

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