

Type FSC / FSC-P

Fast Acting Glass Tube Fuse

5 mm x 20 mm



www.optifuse.com (619) 593-5050

Agency Standards and Listings:



FSC

UL Listed 10mA-10A
 CSA Certified 10mA-10A
 MITI 1A-10A

FSC-P

UL Listed 10mA-10A
 CSA Certified 10mA-10A
 MITI 1A-10A

Interrupt Ratings:

10mA~10A 10,000 Amperes at 125VAC
 10mA~1A 35A at 250VAC
 1.5A~3.5A 100A at 250VAC
 3.75A~10A 200A at 250VAC

Operating Temperature:

-55C - +125C

Physical Specifications:

Materials

Glass Body/Nickel Plated Brass Contacts
 Lead Wire: Tin Plated Copper,
 Dia. 0.8mm 12A and less
 Dia. 1mm 13A~19A
 Dia. 1.2mm above 20A

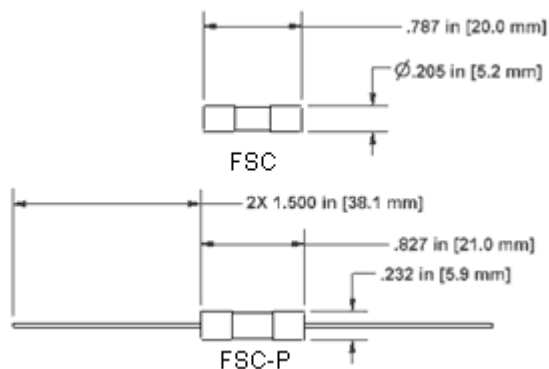
Packaging in Bulk:

FSC-1000 pcs ; FSC-P- 500 pcs per box

Electrical Characteristics

| Rated Current | 100% | 135% | 200% |
|---------------|------|------|------|
| | Min | Max | Max |
| 10mA ~ 20A | 4h | 1h | 5s |

Mechanical Dimensions



| Cartridge Part No. | Axial Lead Part No. | Ampere Rating | Voltage Rating (V) | Nominal Resistance Cold Ohms | Nominal Melting I ² t A ² Sec |
|--------------------|---------------------|---------------|--------------------|------------------------------|---|
| FSC-10mA | FSC-P-10mA | 10mA | 250V | * | * |
| FSC-20mA | FSC-P-20mA | 20mA | | * | * |
| FSC-30mA | FSC-P-30mA | 30mA | | * | * |
| FSC-32mA | FSC-P-32mA | 32mA | | * | * |
| FSC-40mA | FSC-P-40mA | 40mA | | * | * |
| FSC-50mA | FSC-P-50mA | 50mA | | * | * |
| FSC-60mA | FSC-P-60mA | 60mA | | * | * |
| FSC-63mA | FSC-P-63mA | 63mA | | * | * |
| FSC-70mA | FSC-P-70mA | 70mA | | * | * |
| FSC-80mA | FSC-P-80mA | 80mA | | * | * |
| FSC-100mA | FSC-P-100mA | 100mA | | 9.0860 | 0.0018 |
| FSC-125mA | FSC-P-125mA | 125mA | | 7.7250 | 0.0035 |
| FSC-150mA | FSC-P-150mA | 150mA | | 6.4810 | 0.0048 |
| FSC-200mA | FSC-P-200mA | 200mA | | 4.0750 | 0.0085 |
| FSC-250mA | FSC-P-250mA | 250mA | | 2.1170 | 0.0142 |
| FSC-300mA | FSC-P-300mA | 300mA | | 2.3850 | 0.0197 |
| FSC-315mA | FSC-P-315mA | 315mA | | 0.8090 | 0.0218 |
| FSC-350mA | FSC-P-350mA | 350mA | | 0.7350 | 0.0375 |
| FSC-400mA | FSC-P-400mA | 400mA | | 0.6030 | 0.0561 |
| FSC-500mA | FSC-P-500mA | 500mA | | 0.3970 | 0.0930 |
| FSC-600mA | FSC-P-600mA | 600mA | 0.2930 | 0.1300 | |
| FSC-630mA | FSC-P-630mA | 630mA | 0.2900 | 0.1510 | |
| FSC-700mA | FSC-P-700mA | 700mA | 0.2370 | 0.2050 | |
| FSC-750mA | FSC-P-750mA | 750mA | 0.2190 | 0.2850 | |
| FSC-800mA | FSC-P-800mA | 800mA | 0.1880 | 0.3000 | |
| FSC-1A | FSC-P-1A | 1A | 0.1466 | 1.0000 | |
| FSC-1.25A | FSC-P-1.25A | 1.25A | 0.1045 | 1.3450 | |
| FSC-1.5A | FSC-P-1.5A | 1.5A | 0.0909 | 1.6500 | |
| FSC-1.6A | FSC-P-1.6A | 1.6A | 0.0810 | 2.2750 | |
| FSC-1.75A | FSC-P-1.75A | 1.75A | 0.0639 | 3.2450 | |
| FSC-2A | FSC-P-2A | 2A | 0.0589 | 5.4000 | |
| FSC-2.5A | FSC-P-2.5A | 2.5A | 0.0440 | 8.1300 | |
| FSC-3A | FSC-P-3A | 3A | 0.0356 | 12.100 | |
| FSC-3.15A | FSC-P-3.15A | 3.15A | 0.0320 | 13.400 | |
| FSC-3.2A | FSC-P-3.2A | 3.2A | 0.0315 | 13.850 | |
| FSC-3.5A | FSC-P-3.5A | 3.5A | 0.0286 | 16.530 | |
| FSC-4A | FSC-P-4A | 4A | 0.0244 | 25.600 | |
| FSC-4.5A | FSC-P-4.5A | 4.5A | 0.0215 | 33.950 | |
| FSC-5A | FSC-P-5A | 5A | 0.0192 | 42.500 | |
| FSC-6A | FSC-P-6A | 6A | 0.0158 | 57.600 | |
| FSC-6.3A | FSC-P-6.3A | 6.3A | 0.0152 | 63.500 | |
| FSC-7A | FSC-P-7A | 7A | 0.0129 | 68.600 | |
| FSC-7A | FSC-P-7.5A | 7.5A | 0.0122 | 72.350 | |
| FSC-8A | FSC-P-8A | 8A | 0.0117 | 115.20 | |
| FSC-9A | FSC-P-9A | 9A | 0.0093 | 300.00 | |
| FSC-10A | FSC-P-10A | 10A | 0.0087 | 432.00 | |
| FSC-12A | FSC-P-12A | 12A | 0.0077 | 591.00 | |
| FSC-13A | FSC-P-13A | 13A | 0.0068 | 787.50 | |
| FSC-15A | FSC-P-15A | 15A | 0.0051 | 1024.00 | |
| FSC-16A | FSC-P-16A | 16A | 0.0046 | 1296.00 | |
| FSC-18A | FSC-P-18A | 18A | 0.0038 | 2000.00 | |
| FSC-20A | FSC-P-20A | 20A | 0.0035 | 3750.00 | |

Note: All specifications subject to change without notice.

Type FSC / FSC-P
Fast Acting Glass Tube Fuse
5 X 20 mm



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PART NUMBER FSC/FSC-P
TIME CURRENT CURVES

