

Type FCA / FCA-P

Fast Acting Ceramic Tube Fuse

6.3 x 32 mm



www.optifuse.com (619) 593-5050

Agency Standards and Listings:



Physical Specifications:

Fuse Type: 6.3 Ø x 32mm

Materials:

Ceramic Body/Nickel Plated Brass Contacts

Lead Wire: (FCA-P)

Tin Plated Copper

Diameter Ø 0.8mm – 9A or less

Ø 1.0mm – 10A - 15A

Ø 1.2mm – above 15A

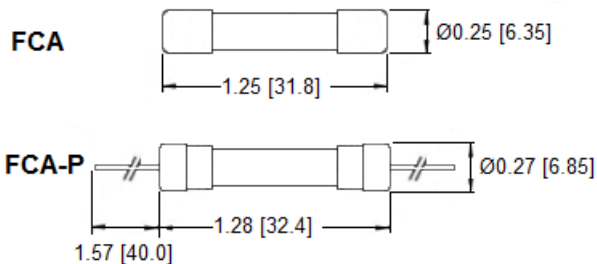
Electrical Characteristics

100%	135%	200%
Min	Max	Max
4h	1h	120s

Interrupting Ratings

500mA~1A	35A	at 250VAC
1.2A~3.5A	100A	at 250VAC
4A~10A	200A	at 250VAC
12A~15A	750A	at 250VAC
20A~30A	100A	at 250VAC
1A~15A	100A	at 250VAC PSE
300mA~3A	100A	at 250VAC KTL
4A~9A	100A	at 250VAC KTL

Mechanical Dimensions: Inches [mm]



Cartridge Part Number	Axial Lead Part Number	Ampere Rating	I ² T Ref. A ² ·sec		
			PSE	KTL	
FCA-300mA	FCA-P-300mA	300mA		•	0.0080
FCA-315mA	FCA-P-315mA	315mA		•	0.0091
FCA-350mA	FCA-P-350mA	350mA		•	0.0122
FCA-375mA	FCA-P-375mA	375mA		•	0.0146
FCA-400mA	FCA-P-400mA	400mA		•	0.0182
FCA-500mA	FCA-P-500mA	500mA		•	0.0385
FCA-600mA	FCA-P-600mA	600mA		•	0.0651
FCA-630mA	FCA-P-630mA	630mA		•	0.0708
FCA-750mA	FCA-P-750mA	750mA		•	0.1361
FCA-800mA	FCA-P-800mA	800mA		•	0.175
FCA-1A	FCA-P-1A	1A	•	•	0.288
FCA-1.2A	FCA-P-1.2A	1.2A	•	•	1.029
FCA-1.25A	FCA-P-1.25A	1.25A	•	•	1.172
FCA-1.5A	FCA-P-1.5A	1.5A	•	•	2.805
FCA-1.6A	FCA-P-1.6A	1.6A	•	•	3.285
FCA-2A	FCA-P-2A	2A	•	•	2.751
FCA-2.5A	FCA-P-2.5A	2.5A	•	•	5.192
FCA-3A	FCA-P-3A	3A	•	•	8.085
FCA-3.15A	FCA-P-3.15A	3.15A	•		8.954
FCA-3.5A	FCA-P-3.5A	3.5A	•		11.68
FCA-4A	FCA-P-4A	4A	•	•	15.64
FCA-5A	FCA-P-5A	5A	•	•	31.24
FCA-6A	FCA-P-6A	6A	•	•	61.66
FCA-7A	FCA-P-7A	7A	•	•	98.50
FCA-8A	FCA-P-8A	8A	•	•	141.0
FCA-9A	FCA-P-9A	9A	•	•	185.2
FCA-10A	FCA-P-10A	10A	•		246.5
FCA-12A	FCA-P-12A	12A	•		432.6
FCA-15A	FCA-P-15A	15A	•		666.8
FCA-20A	FCA-P-20A	20A			1811
FCA-25A	FCA-P-25A	25A			2586
FCA-30A	FCA-P-30A	30A			3006

Warning:



-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.

-Fuse device are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.

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PART NUMBER FCA/FCA-P
TIME CURRENT CURVE

