

# Type FCD

## Fast Acting High Breaking Capacity

### 5 x 20 mm Ceramic Fuse



www.optifuse.com (619) 593-5050

#### Agency Standards and Listings:



#### Interrupt Ratings:

250mA ~ 16A 1,500A at 250V AC (All)  
 250mA ~ 16A 1,000A at 250V DC UL  
 FCD-6.3A-UL: 250mA ~ 6.3A 10,000A at 250V AC UL  
 \*FCD-6.3A not UL approved at 10,000A at 250V AC UL

#### Time Characteristics

Rated Current	210%		275%		400%		1000%
	MAX	MIN	MAX	MIN	MAX	MAX	
250mA~4A	30 min	10 ms	2 sec	3 ms	300 ms	20 ms	
5A~6.3A	30 min	10 ms	3 sec	3 ms	300 ms	20 ms	
8A~10A	30 min	40 ms	20 sec	10 ms	1 sec	30 ms	
>10A	30 min	40 ms	20 sec	10 ms	1 sec	40 ms	

Cartridge Part number	Axial Lead Part number	Amper e Rating	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec	Voltage Rating							
				CCC	CQC	SEMKO	VDE	UR/CUR	BSI	PSE	KC
FCD-250mA	FCD-P-250mA	250mA	0.0040	*	*	*	*	*	*	*	*
FCD-315mA	FCD-P-315mA	315mA	0.0142	*	*	*	*	*	*	*	*
FCD-400mA	FCD-P-400mA	400mA	0.0200	*	*	*	*	*	*	*	*
FCD-500mA	FCD-P-500mA	500mA	0.0309	*	*	*	*	*	*	*	*
FCD-630mA	FCD-P-630mA	630mA	0.0672	*	*	*	*	*	*	*	*
FCD-800mA	FCD-P-800mA	800mA	0.1210	*	*	*	*	*	*	*	*
FCD-1A	FCD-P-1A	1A	0.2019	*	*	*	*	*	*	*	*
FCD-1.25A	FCD-P-1.25A	1.25A	0.4489	*	*	*	*	*	*	*	*
FCD-1.6A	FCD-P-1.6A	1.6A	1.243	*	*	*	*	*	*	*	*
FCD-2A	FCD-P-2A	2A	2.204	*	*	*	*	*	*	*	*
FCD-2.5A	FCD-P-2.5A	2.5A	1.995	*	*	*	*	*	*	*	*
FCD-3.15A	FCD-P-3.15A	3.15A	4.271	*	*	*	*	*	*	*	*
FCD-4A	FCD-P-4A	4A	12.22	*	*	*	*	*	*	*	*
FCD-5A	FCD-P-5A	5A	24.20	*	*	*	*	*	*	*	*
FCD-8A	FCD-P-8A	8A	102.2	*	*	*	*	*	*	*	*
FCD-10A	FCD-P-10A	10A	204.7	*	*	*	*	*	*	*	*
FCD-12 A	FCD-P-12A	12A	360.5			*		*		*	
FCD-12.5A	FCD-P-12.5A	12.5A	407.6		*	*		*		*	
FCD-15A	FCD-P-15A	15A	602.5			*		*		*	
FCD-16A	FCD-P-16A	16A	642.7			*		*		*	

250V

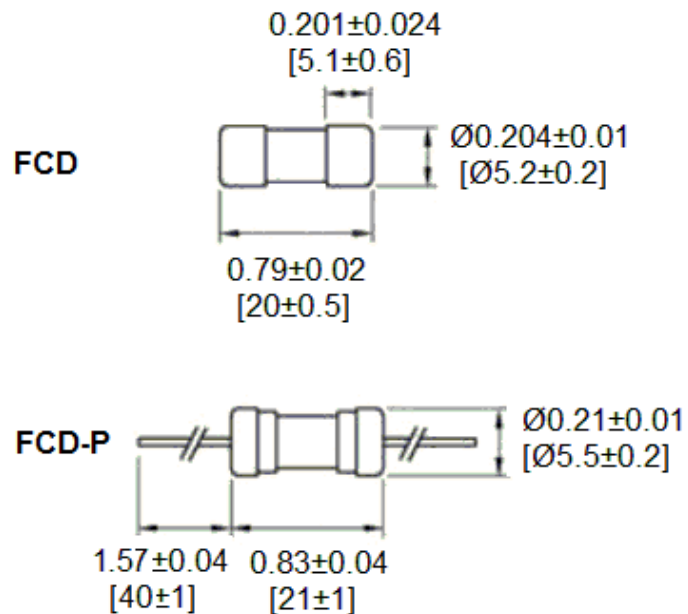
#### Operating Temperature:

-55°C to +125°C

#### Material:

Ceramic Body/Nickel Plated Brass Caps  
 Lead Wire Ø0.65mm Diameter – 8A and less.  
 Ø0.8mm Diameter – 8a~ 12A.  
 Ø1.0mm Diameter – over 12A.

#### Mechanical Dimensions: Inches [mm]



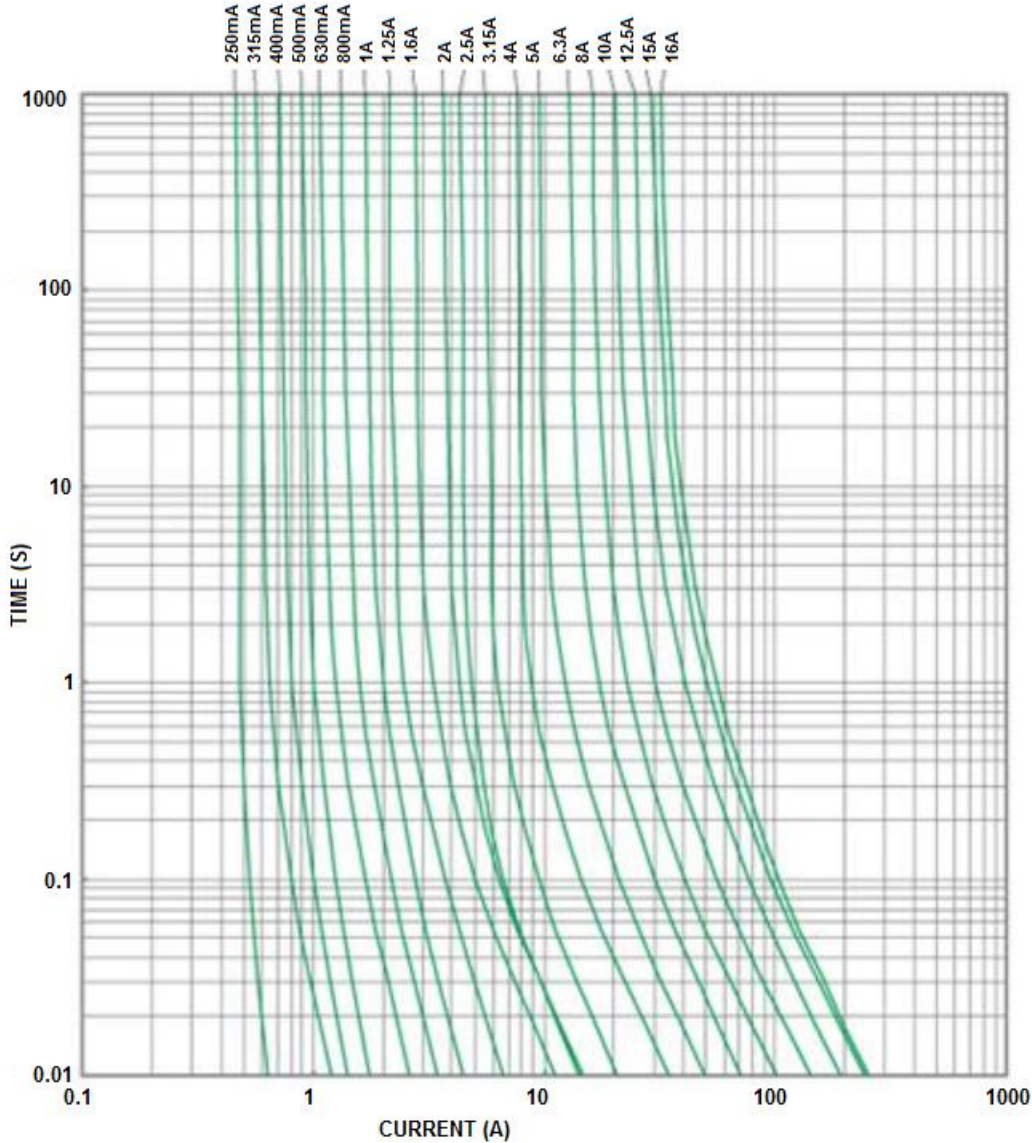
**Type FCD**  
**Fast Acting High Breaking Capacity**  
**5 x 20 mm Ceramic Fuse**



www.optifuse.com

(619) 593-5050

**Part Number FCD**  
**TIME CURRENT CURVES**



**Warning:**



-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.  
 -Glass Fuse device are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.  
 -Avoid contact of Glass Fuse device with chemical solvent. Prolonged contact will damage the device performance.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Cartridge Fuses](#) category:*

*Click to view products by [Optifuse](#) manufacturer:*

Other Similar products are found below :

[5TT3A-R](#) [MBO-20](#) [MDM-4/10](#) [MDQ-V-15/100](#) [MDX-1-6/10](#) [MDX-2](#) [MDX-3-2/10](#) [MDX-6-1/4](#) [FLSR-15](#) [FLSR-30](#) [FRS-1-1/4](#) [FRS-1-6/10](#) [FRS-4/10](#) [H362003](#) [1/2A](#) [AGC-1-1/2RX](#) [AGC-15EX](#) [AGC-V-3-12-R](#) [AGY-50](#) [15019-G](#) [MSL-1-1/2](#) [MSL-1-1/4](#) [MSL-1/2](#) [MSL-1/4](#) [MSL-3](#) [MSL-3/4](#) [MSL-4](#) [MSL-5](#) [BK1/C436-2A](#) [BK1-GMA-1-6-R](#) [BK1-S505-1-R](#) [BK1-S506-3-15-R](#) [BK/MDM-15](#) [BK/MDM-3/4](#) [1C10X38AM](#) [S501-V-10A](#) [S505-V-500MA](#) [SEF-1697-1-002](#) [301030](#) [303030](#) [FLA10](#) [FLA-4/10](#) [FLNR-5](#) [20.0M6.3X32F](#) [GBB-17-1/2](#) [301001](#) [301020](#) [311008](#) [313.25](#) [313.75](#)