# 250SF/250SFK, 500SF/500SFK

### FEATURES

- ullet A 6-mm- $\phi$  fuse, which is the of the same size as a glass tube fuse,can be used to implement a current blocking capacity of 10kA at 500V
- Able to block off even DC
- •UL approved for up to rated 20A
- Space-efficient
- (500SF/SFK)

### RATING

### ●250SF/SFK

Rated voltage and blocking capacity : 250V AC-10kA, 250V DC (L/R = 10ms)-10kA Minimum block-off current : 250V AC/DC- 4 times the rated amperage Maximum arc voltage: 500V

### ●500SF/SFK

Rated voltage and blocking capacity: 500V AC-10kA, 500V DC (L/R = 2ms)-10kA Minimum block-off current: 500V AC/DC- 4 times the rated amperage Maximum arc voltage: 1000V

### UL/cUL standard approved rating

Rated voltage and blocking capacity: Same as the standard rating. (250SF/SFK are not cUL approved.)





### CCC standard approved rating

When applying the standard to UL standard approved items, use the fuse in the following rating.

\*The CCC standard is an option. Enter "TC" at the end of product name when ordering (e.g. 500SF-10ULTC).

Rated voltage and breaking capacity: 500V AC-50kA, 500V DC (L/R = 10ms)-50kA (250SF/SFK are not CCC approved.)

### CAUTION!

- Read "FOR SAFE USE" and "PROTECT FUSE USER'S GUIDE" at the back of this
  catalog before use.
- A small fuse may generate a relatively large amount of heat, so a fuse with sufficient capacity is recommended for long, continuous use.

### Specifications 250SF/250SFK

## Ta= 25°C Rated Fusing I<sup>2</sup>t | Shutdown I<sup>2</sup>t (A<sup>2</sup>S) | Power Loss | Weight | Fig. | Canadad

Type	Rated Amperage (A)	Fusing I <sup>2</sup> t (A <sup>2</sup> S)	Shutdown I <sup>2</sup> t (A <sup>2</sup> S) at AC250V 10KA	Power Loss (W)	Weight (g)	Fig	Standard
250SF-4UL	4	4	14	0.6			
250SFK04UL	4	4	14	0.7			
250SF-6UL	6	11	27	0.9	SF=	SF=	
250SFK06UL	O	11	21	1.1	2.5	Fig 1	
250SF-10UL	10	25	60	1.6			<b>91</b>
250SFK10UL	10	23	00	1.7	SFK=	SFK=	
250SF-16UL	16	55	120	3.5	3,25	Fig 2	
250SFK16UL	10	55	120	3.2			
250SF-25	25	220	400	5.0			
250SFK25	25	220	400	5.0			

### 500SF/500SFK

Ta=	=25°C
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Туре	Rated Amperage (A)	Fusing <b>I</b> 2t (A2S)	Shutdown I2t (A2S) at AC500V 10KA	Power Loss (W)	Weight (g)	Fig	Standard
	4	4	29	0.6			
	·	·		0.7			
500SF-6UL	6	11	50	0.9	SF=	SF=	
500SFK06UL	0	''	30	1.1	2.5	Fig 1	
500SF-10UL	10	25	110	1.6			c <b>FLL</b> us
500SFK10UL	10	25	110	1.7	SFK=	SFK=	_ ·
500SF-16UL	16	55	230	3.5	3.25	Fig 2	<b>*</b>
500SFK16UL	10	35	230	3.2			
500SF-20UL	20	155	480	4.0			
500SFK20UL	20	155	460	4.3			

### Dimensions 250SF, 500SF (Fig.1)

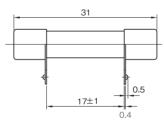
# 6.5

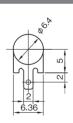


### 250SFK, 500SFK (Fig.2)

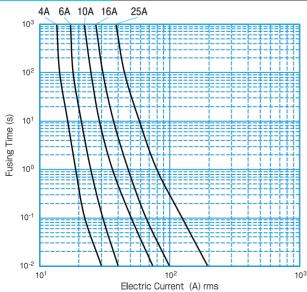
500SF/500SFK

10<sup>1</sup>





### Fusing Characteristics 250SF/250SFK



# 4A 6A 10A 16A 20A 10<sup>2</sup> 10<sup>1</sup> 10<sup>-1</sup> 10<sup>-2</sup>

Electric Current (A) rms

IF YOU NEED ANY HELP IN DETERMINING WHAT FUSE YOU NEED CONTACT NATIONAL FUSE PRODUCTS
AT 1-800-328-0496 OR EMAIL SALES@NATIONALFUSE.COM

