

High Speed Fuses

Ferrule — FWH 500V: 0.25-30A

FWH (6 x 32mm)

Specifications

Description: Ferrule style high speed fuses.

Dimensions: See Dimensions illustrations.

Ratings:

Volts: — 500Vac

Amps: — 0.25-30A

IR: — 50kA at ≥ 20% pf (0.25-20A)

— 20kA at ≥ 20% pf (25-30A)

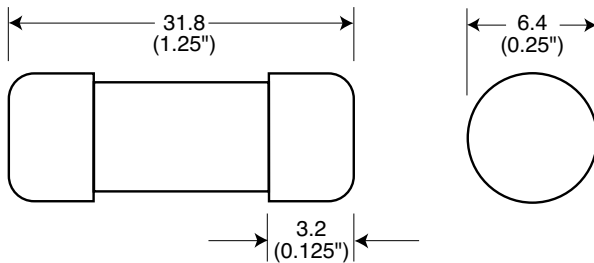
Agency Information: CE, UL Recognition 0.25-30A, CSA Component Acceptance: 0.25-7A

Opening Times

Amp Ratings	150%	200%	300%
0.25-7	> 30 min	< 30 min	≤ 10 sec
10-30	< 30 min	< 30 min	≤ 10 sec



Dimensions - mm (inches)



Catalog Numbers

Catalog Numbers	Size	Rated Current RMS-Amps	Electrical Characteristics		Watts Loss
			I ² t (A ² Sec)		
			Pre-arc	Clearing at 500V	
FWH-.250A6F	6 x 32mm	0.25*	0.01	0.05	2.7
FWH-.500A6F	(¼" x 1¼")	0.5*	0.05	0.25	1.2
FWH-001A6F		1*	0.4	2	1.7
FWH-002A6F		2*	1.3	3.5	3.2
FWH-3.15A6F		3.15*	3.1	7.7	2.9
FWH-005A6F		5*	15	40	2.1
FWH-6.30A6F		6.3*	36	90	2.3
FWH-007A6F		7*	50	125	2.5
FWH-010A6F		10**	9.9	139	2.86
FWH-12.5A6F		12.5**	20	60	3.53
FWH-015A6F		15**	44	146	3.08
FWH-016A6F		16**	48	177	4.48
FWH-020A6F		20**	75	259	4.26
FWH-025A6F		25**	126	345	—
FWH-030A6F		30**	145	430	—

*300% minimum opening current at rated voltage.

**200% minimum opening current at rated voltage.

• Consult Cooper Bussmann for dc ratings.

• See accessories on page 211.

Features and Benefits

- Excellent cycling capability and dc performance
- Low arc voltage and low energy let-through (I²t)
- Low watts loss in a compact size
- Used with finger-safe holders/blocks

Typical Applications

- DC common bus
- DC drives
- Power converters/rectifiers
- Reduced voltage starters

Did You Know?

Application Engineering Services

Application Engineering assistance is available to all customers. The Application Engineering team is staffed by degreed electrical engineers and available by phone with technical and application support Monday – Friday, 8:00 a.m. – 5:00 p.m. Central Time. Application Engineering can be reached via phone, fax or email:

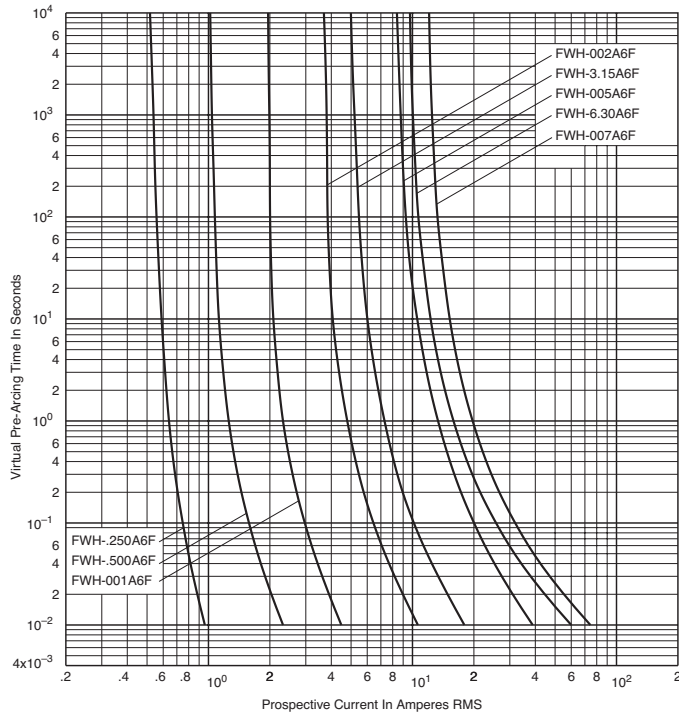
- Phone: 636-527-1270
- E-mail: fusetech@cooperbussmann.com

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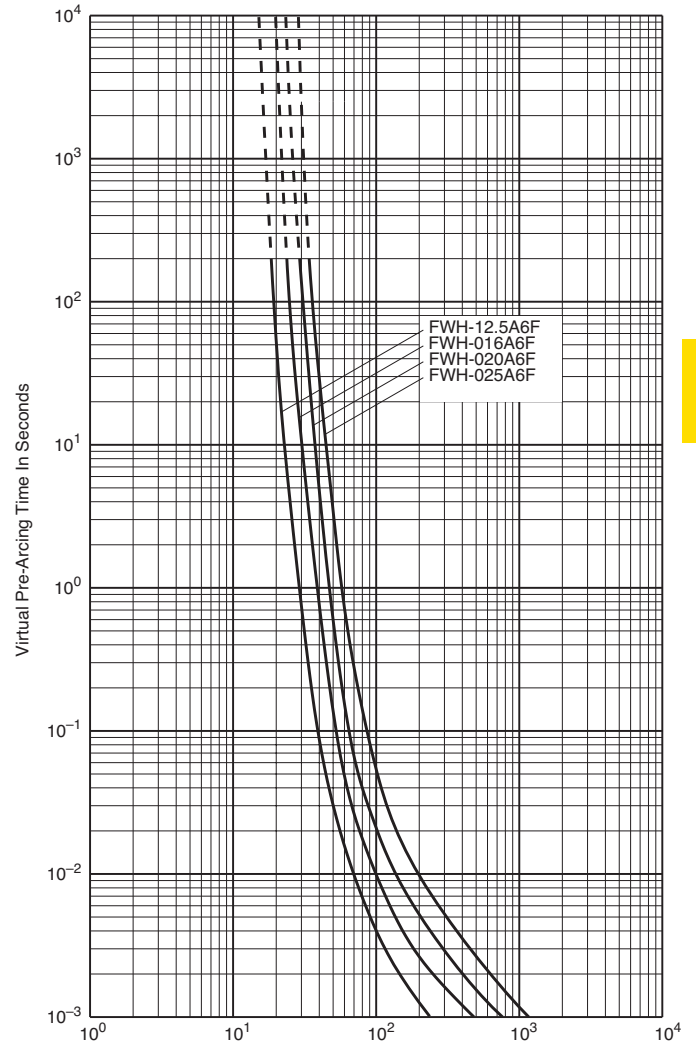
FWH 0.25-7A: 500V (6 x 32mm)

Time-Current Curve



FWH 10-30A: 500V (6 x 32mm)

Time-Current Curve



High Speed
 Fuses

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