

## 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  $\geq 20\%$  pf (0.25-20A)

— 20kA at  $\geq 20\%$  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	$\leq 10$ sec
10-30	< 30 min	< 30 min	$\leq 10$ sec



### Catalog Numbers

Catalog Numbers	Size	Rated Current RMS-Amps	Electrical Characteristics		
			$I^2t$ (A <sup>2</sup> Sec)		Watts Loss
			Pre-arc	Clearing at 500V	
FWH-.250A6F		0.25*	0.01	0.05	2.7
FWH-.500A6F		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 x 32mm	6.3*	36	90	2.3
FWH-007A6F	( $\frac{1}{4}$ " x $1\frac{1}{4}$ ")	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.

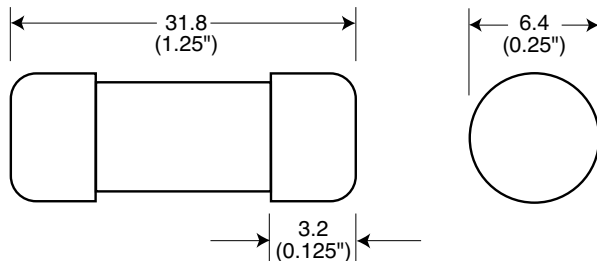
\*\*200% minimum opening current at rated voltage.

• Consult Cooper Bussmann for DC ratings.

• See accessories on page 216.

High Speed Fuses

### Dimensions - mm (inches)



### Features and Benefits

- Excellent cycling capability and DC performance
- Low arc voltage and low energy let-through ( $I^2t$ )
- Low watts loss in a compact size
- Used with finger-safe holders/blocks

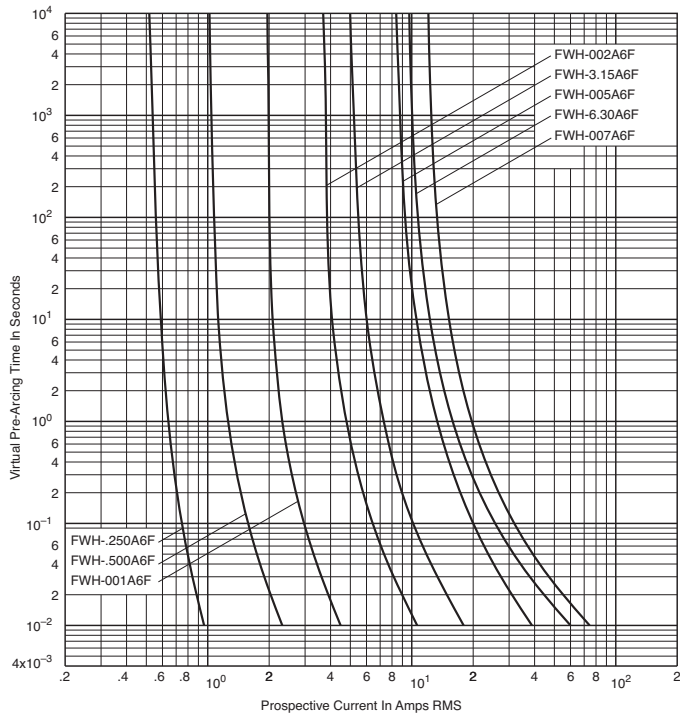
### Typical Applications

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

## Ferrule — FWH 500V: 0.25-30A

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

Time-Current Curve



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

Time-Current Curve

