

# FWH

6x32mm high speed ferrule fuses



**Catalog symbols:**

- FWH-(amp)A6F
- FWH-(amp)A6FR (RoHS compliant)
- FWH5-(amp)A6F
- FWH5-(amp)A6FR (RoHS compliant)

**Description:**

Eaton's Bussmann® series of FWH 6x32mm ferrule high speed fuses are for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters.

**Specification:**

**Ratings**

- Volts
  - 500Vac (0.25-1A and 3.15-30A)
  - 1000Vac (2A)
  - 600Vdc (1-5A)
- Amps
  - 0.25-30A
- Interrupting rating
  - 50kA AC (0.25-1A and 3.15-20A)
  - 30kA AC (2A)
  - 20kA AC (25-30A)
  - 50kA DC (1-5A)

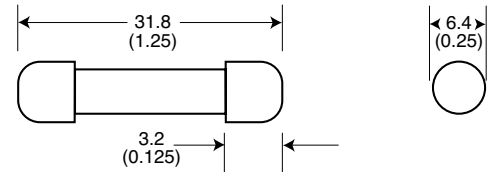
**Agency information**

- CE
- RoHS compliant
- UL® Recognized JFHR2, E91958, 0.25-7A
- UL Recognized JDYX2, E19180, 10-30A
- CSA® Component Acceptance file Class 1422-30, 1422-90 (53787) 0.25-7A

**Opening times:**

Amp range	150%	200%	300%
0.25-7A	> 30 min.	> 30 min.	≤ 10 sec.
10-30A	> 30 min.	> 30 min.	≤ 10 sec.

**Dimensions:**



**Features:**

- Low watts loss in a compact size
- Excellent cycling capability and DC performance
- Low arc voltage and low energy let-through (I<sup>2</sup>t)

**Typical applications:**

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



Powering Business Worldwide

**Catalog numbers:**

Rated voltage		I <sup>2</sup> t (A <sup>2</sup> s)				Catalog numbers		
Amps	Vac	Vdc	Pre-arcing	Clearing @ 500Vac	Watts loss (W)	Standard	RoHS compliant	
0.25	500	—	0.01	0.05	2.7	FWH-250A6F	FWH-250A6F	
0.5	500	—	0.05	0.25	1.2	FWH-500A6F	FWH-500A6F	
1	500	600	0.4	2	1.7	FWH-001A6F	FWH-001A6F	
2	1000	600	1.3	3.5	3.2	FWH-002A6F	FWH-002A6F	
3.15	500	600	3.1	7.7	2.9	FWH-3.15A6F	FWH-3.15A6F	
4	500	600	—	—	—	FWH-004A6F	FWH-004A6F	
5	500	600	15	40	2.1	FWH-005A6F	FWH-005A6F	
6.3	500	—	36	90	2.3	FWH-6.30A6F	FWH-6.30A6F	
7	500	—	50	125	2.5	FWH-007A6F	FWH-007A6F	
10	500	—	9.9	139	2.86	FWH5-010A6F	FWH5-010A6FR	
12.5	500	—	20	60	3.53	FWH5-12-5A6F	FWH5-12-5A6FR	
15	500	—	44	146	3.08	FWH5-015A6F	FWH5-015A6FR	
16	500	—	48	177	4.48	FWH5-016A6F	FWH5-016A6FR	
20	500	—	75	259	4.26	FWH5-020A6F	FWH5-020A6FR	
25	500	—	126	345	—	FWH-025A6F	FWH-025A6FR	
30	500	—	145	430	—	FWH-030A6F	FWH-030A6FR	

0.25-7A 300% minimum opening current at rated voltage.  
10-30A 200% minimum opening current at rated voltage.

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Printed in USA  
Publication No. 720038 — BU-SB15288  
December 2015

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