

# FWH 6x3 2mm 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.

### Ratings

Volts

- 500 Vac (0.25-1 A and 3.15-30 A)
- 1000 Vac (2 A)
- 600 Vdc (1-5 A)

Amps

- 0.25-30 A

Interrupting rating

- 50 kA AC (0.25-1 A and 3.15-20 A)
- 30 kA AC (2 A)
- 20 kA AC (25-30 A)
- 50 kA DC (1-5 A)

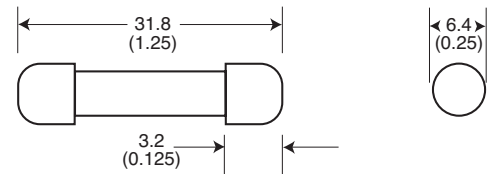
### Agency information

- UL Recognized JFHR2, E91958, 0.25-7A
- UL Recognized JDXY2, E19180, 10-30A
- CSA Component Acceptance file Class 1422-30, 1422-90 (53787) 0.25-7A
- RoHS compliant
- CE

### Opening times:

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

### 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:**

Amps	Rated voltage		I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)	Catalog no.		
	Vac	Vdc	Pre-arcing	Clearing @ 500Vac		Standard	RoHS compliant	
0.25	500	—	0.01	0.05	2.7	—	FWH-.250A6F	
0.5		—	0.05	0.25	1.2		FWH-.500A6F	
1		—	0.4	2	1.7		FWH-001A6F	
2	1000	600	1.3	3.5	3.2	—	FWH-002A6F	
3.15	—		3.1	7.7	2.9		FWH-3.15A6F	
4	—		—	—	—		FWH-004A6F	
5	500	—	15	40	2.1	—	FWH-005A6F	
6.3		—	36	90	2.3		FWH-6.30A6F	
7		—	50	125	2.5		FWH-007A6F	
10		—	9.9	139	2.86		FWH5-010A6F	FWH5-010A6FR
12.5		—	20	60	3.53		FWH5-12-5A6F	FWH5-12-5A6FR
15		—	44	146	3.08		FWH5-015A6F	FWH5-015A6FR
16		—	48	177	4.48		FWH5-016A6F	FWH5-016A6FR
20		—	75	259	4.26		FWH5-020A6F	FWH5-020A6FR
25		—	126	345	—		FWH-025A6F	FWH-025A6FR
30		—	145	430	—		FWH-030A6F	FWH-030A6FR

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