

FWH

500 V a.c. / V d.c.¹ (UL), 35 to 1600 A

Specifications

Description

North American style bolted tags high speed fuse links, for the protection of DC common bus, power converters/rectifiers and reduced rated voltage starters.

Technical data

Rated voltage:

- 500 V a.c. (UL).
- 500 V d.c. (35-800 A only)

Rated current: 35-1600 A.

Breaking capacity:

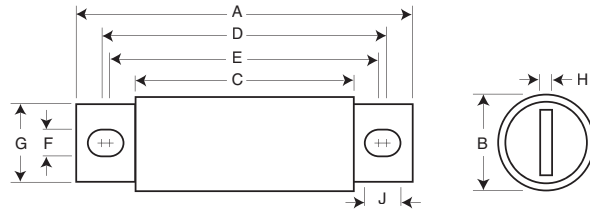
- 200 kA RMS Sym.
- 50 kA at 500 V d.c..

Standards / Agency information

CE, UL Recognition JFHR2.E91958 FWH-_B (35-200 A) and FWH-_A (1000 and 1200 A), JFHR2.E56412 FWH-_A (225-800 A), CSA Component Acceptance Class 1422-30, File 53787 (35-1600 A)

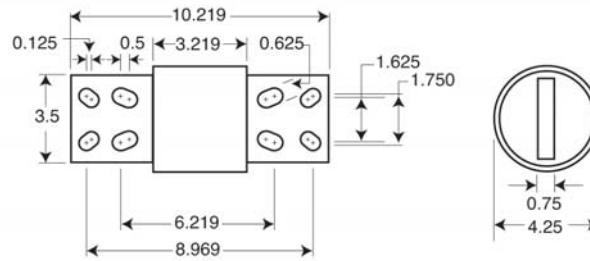


Dimensions - in



Rated voltage	Rated current (Amps)	I ² t (A ² Sec)		Watts loss (W)	Catalogue numbers
		Pre-arcing	Clearing at 500 V a.c.		
500 V a.c./ V d.c. (UL)	35	34	150	8	FWH-35B
	40	76	320	7.5	FWH-40B
	45	105	450	7.5	FWH-45B
	50	135	670	7.5	FWH-50B
	60	210	900	9.9	FWH-60B
	70	210	900	10.6	FWH-70B
	80	305	1400	12.7	FWH-80B
	90	360	1600	15	FWH-90B
	100	475	2000	17	FWH-100B
	125	800	3500	25	FWH-125B
500 V a.c./ V d.c. (UL)	150	1100	4600	30	FWH-150B
	175	1450	6200	35	FWH-175B
	200	1900	8500	40	FWH-200B
	225	4600	23,300	39	FWH-225A
	250	6300	32,200	41	FWH-250A
	275	7900	40,300	46	FWH-275A
	300	9800	49,800	51	FWH-300A
	325	13,700	63,800	53	FWH-325A
	350	14,500	72,900	58	FWH-350A
	400	19,200	96,700	65	FWH-400A
500 V a.c./ V d.c. (UL)	450	24,700	127,000	74	FWH-450A
	500	29,200	149,000	84	FWH-500A
	600	41,300	206,000	108	FWH-600A
	700	55,000	298,000	120	FWH-700A
	800	76,200	409,000	129	FWH-800A
	1000	92,000	450,000	145	FWH-1000A
	1200	122,000	600,000	180	FWH-1200A
	1400	200,000	1,000,000	210	FWH-1400A
	1600	290,000	1,400,000	230	FWH-1600A

35-1200 A



1400-1600 A - in

Amp range	A	B	C	D	E	F	G	H	J
35-60	3.19	0.81	1.59	2.54	2.19	0.34	0.72	0.13	0.52
70-100	3.62	0.95	1.74	2.85	2.81	0.35	0.75	0.13	0.38
125-200	3.62	1.16	1.84	2.89	2.77	0.34	1	0.19	0.41
225-400	4.34	1.5	2.09	3.44	2.75	0.41	1	0.25	0.75
450-600	4.34	2	2.09	3.53	2.78	0.41	1.5	0.25	0.78
700-800	6.34	2.5	2.09	4.97	3.44	0.53	2	0.38	1.30
1000-1200	6.97	3	3.22	5.47	4.48	0.62	2.38	0.44	1.12
1400-1600	refer to drawing								

1" = 25.4mm

¹ 500 V d.c. for 35-800 A only.

Data sheets: 720007, 360 (225-800 A), 5785304 (35-200 A, 1000-1600 A)