

## FWX — North American

### 250 Vac/dc (UL), 35 to 2500 A

North American style bolted tags and flush-end high speed fuses for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters.

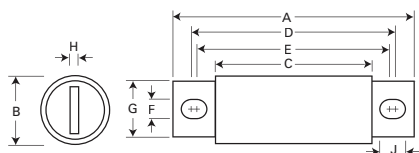
#### Ratings

- Volts 250 Vac/dc (UL)
- Amps 35-2500 A
- IR
  - 200 kA RMS Sym.
  - 20 kA at 250 Vdc (35-800 A)

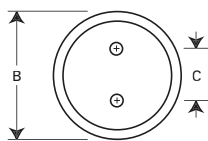
#### Agency information

- UL Recognized, JFHR2, E56412
- CSA Class 1422-30, (53787) on 35-800 A fuses (20 kA IR at 250 Vdc)
- CE

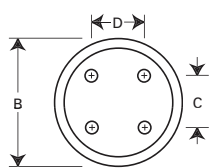
#### Dimensions — in



#### 35-800 A



#### 1000-1200 A



#### 1500-2500 A

Amp range	A	B	C	D	E	F	G	H	J	Thread / depth
35-60	3.19	0.81	1.59	2.59	2.25	0.34	0.63	0.13	0.52	—
70-200	3.13	1.22	1.59	2.44	2.19	0.34	1.00	0.19	0.47	—
225-600	3.84	1.50	1.59	2.94	2.25	0.41	1.00	0.25	0.75	—
700-800	3.84	2.00	1.59	3.03	2.28	0.41	1.50	0.25	0.78	—
1000-1200	2.59	3.00	1.50	—	—	—	—	—	—	3/8-24
1500-2500	2.59	3.50	1.50	1.50	—	—	—	—	—	x 1/2" UNF

1" = 25.4mm



Rated voltage	I <sup>2</sup> t (A <sup>2</sup> s)		Clearing at 250 Vac	Watts loss (W)†	Catalog no.
	Rated current (amps)	Pre-arcing			
	35	50	230	4.2	FWX-35A
	40	60	310	5.2	FWX-40A
	45	80	390	5.7	FWX-45A
	50	100	520	6.0	FWX-50A
	60	140	740	8.1	FWX-60A
	70	330	1400	7.2	FWX-70A
	80	430	1850	8.1	FWX-80A
	90	570	2450	9.0	FWX-90A
	100	740	3150	10.0	FWX-100A
	125	1130	4850	12.5	FWX-125A
	150	1620	6950	15.7	FWX-150A
	175	2170	9300	18.5	FWX-175A
	200	2790	12,000	22.0	FWX-200A
	225	3210	14,700	24.0	FWX-225A
	250	3960	18,100	27.0	FWX-250A
	275	4720	21,600	31.0	FWX-275A
	300	6000	27,300	32.0	FWX-300A
	350	10,600	48,600	39.0	FWX-350A
	400	14,500	66,100	44.0	FWX-400A
	450	22,100	101,000	49.0	FWX-450A
	500	28,000	128,000	54.0	FWX-500A
	600	41,100	188,000	62.0	FWX-600A
	700	48,800	190,000	72.0	FWX-700A
	800	59,000	230,000	84.0	FWX-800A
	1000	44,000	360,000	100.0	FWX-1000AH
	1200	92,000	750,000	103.0	FWX-1200AH
	1500	120,000	880,000	140.0	FWX-1500AH
	1600	160,000	1,200,000	140.0	FWX-1600AH
	2000	320,000	2,300,000	151.0	FWX-2000AH
	2500	670,000	4,700,000	163.0	FWX-2500AH

† Watts loss at rated current.

For details on electrical characteristics, contact Application Engineering and ask for data sheets: 720005, 359 (35-800 A), 5785299 (100-2500 A)

## FWX Ferrule

250 Vac/dc (UL), 14x51mm, 1 to 50 A

Ferrule style high speed fuses for the protection of DC common bus, DC drives, power converters/rectifiers rated voltage starters.

### Ratings

- Volts
  - 250 Vac (UL, all ratings)
  - 250 Vdc (UL, 5-50 A only)
- Amps 1-50 A
- IR
  - 200 kA RMS Sym. (UL, all ratings)
  - 50 kA at 250 Vdc (UL, 5-50 A only)

### Operating class aR

### Agency information

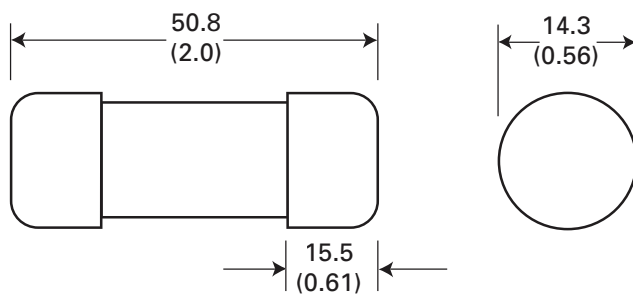
- UL Recognized, JFHR2, E91958 1-50 A
- CSA Class 1422-30, 1422-90 (53787) 5-30 A
- CE



Fuse size	Rated voltage	Rated current(amps)	I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss (W)†	Catalog no.
			Pre-arcing	Clearing at 250 Vac		
14x51mm (9/16" x 2")	250 Vac (UL)	1	0.03	0.40	5.7	FWX-1A14F
		2	0.08	0.10	8.6	FWX-2A14F
		3	0.11	0.26	2.8	FWX-3A14F
		4	0.1	0.23	3.0	FWX-4A14F
	250 Vac/dc (UL)	5	1.6	13.00	1.3	FWX-5A14F
		10	3.6	24.00	3.4	FWX-10A14F
		15	14.0	83.00	3.8	FWX-15A14F
		20	33.0	200.00	4.6	FWX-20A14F
		25	58.0	300.00	5.3	FWX-25A14F
		30	100.0	500.00	5.9	FWX-30A14F
		50	200.0	1800.00	5.7	FWX-50A14F

† Watts loss at rated current.

### Dimensions — mm (in)



For details on electrical characteristics, contact Application Engineering and ask for data sheets: 720006, 5785302