

# A120X

## SEMICONDUCTOR PROTECTION FUSES



A120X Amp-trap® Form 101 Semiconductor Protection fuses, rated 1/2A through 30A, 1200VAC are popular for use in traction drive auxiliary circuits and similar applications. A120X fuses are also suitable for use on 1000VDC auxiliary circuits with low time constants.

### Features/Benefits

- **1000 Volt DC rated** for wide range of circuits
- **Compact size** fits in where competitive sizes will not fit

### Ratings

- **AC:** 1/2-30A  
1200VAC, 100kA I.R.
- **DC:** 1/2-30A  
1000VDC, 100kA I.R.  
L/R = 10ms

### Approvals

- Ferraz Shawmut Certified

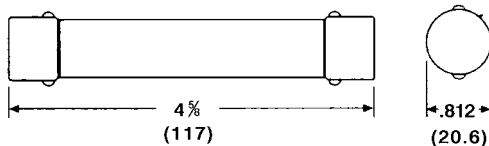
### HIGHLIGHTS:

- Fast Acting
- Current Limiting
- Low I<sup>2</sup>t
- Compact Size

### APPLICATIONS:

- Protection of traction drive auxiliary circuits, etc.

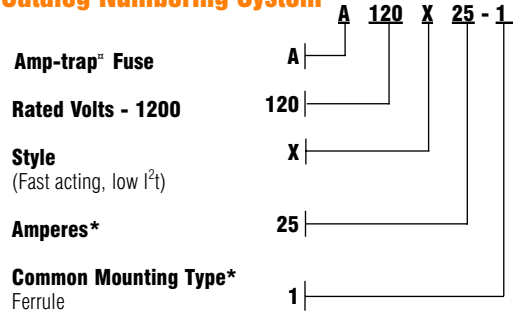
### Dimensions - In (mm)



### Single Pole Fuse Block for A120X Fuses

FUSE AMPERE RATING	FUSE BLOCK CATALOG NUMBER
1/2-30	P292

### Catalog Numbering System



\* For ampere ratings and types not listed, call Technical Services.

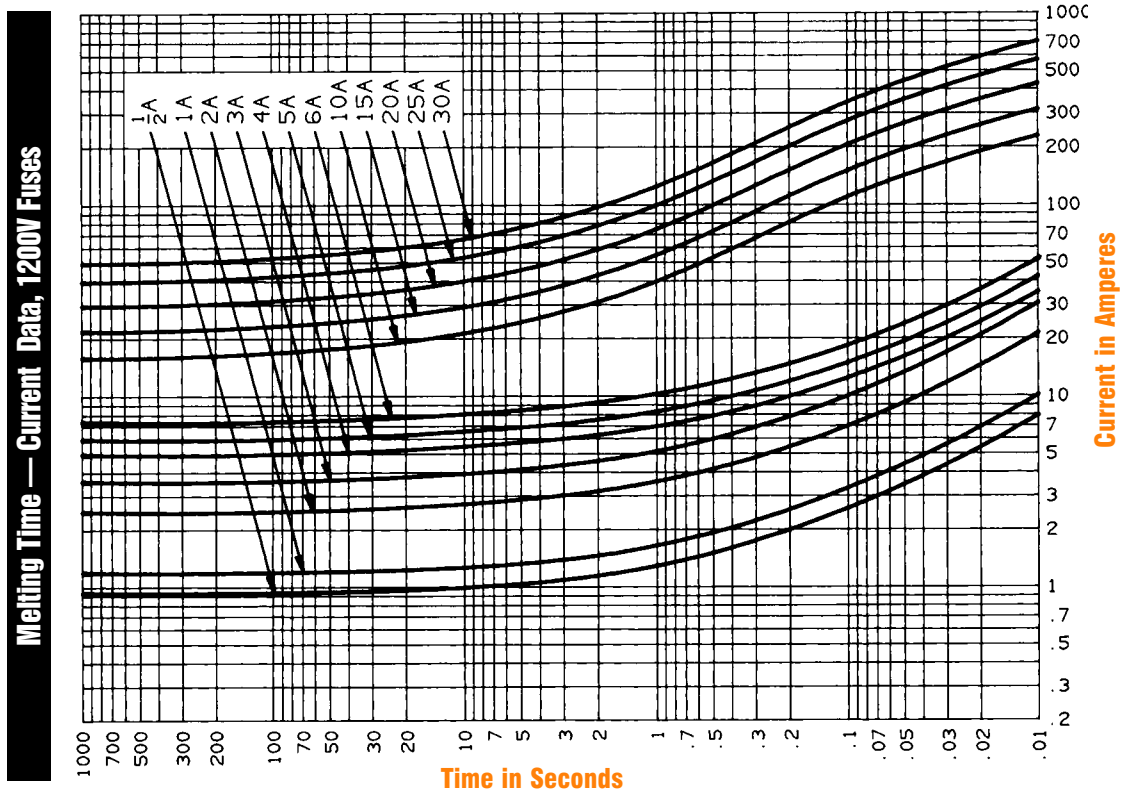
### Standard Fuse Ampere Ratings Catalog Numbers

AMPERE RATING	CATALOG NUMBER	AMPERE RATING	CATALOG NUMBER
1/2	A120X1/2-1	6	A120X6-1
1	A120X1-1	10	A120X10-1
2	A120X2-1	15	A120X15-1
3	A120X3-1	20	A120X20-1
4	A120X4-1	25	A120X25-1
5	A120X5-1	30	A120X30-1

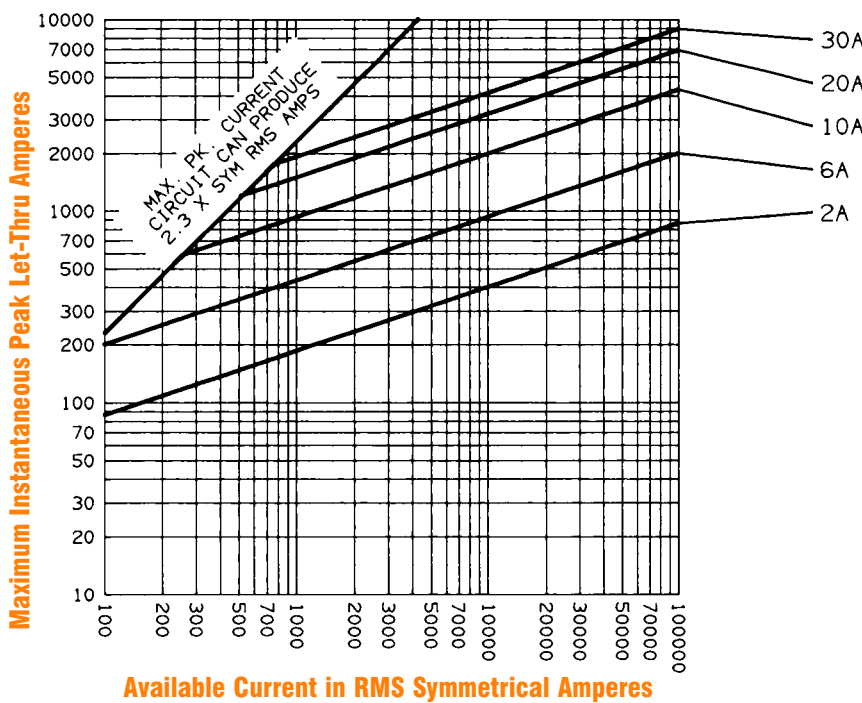
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## SEMICONDUCTOR PROTECTION FUSES

A120X1/2 to 30



Peak Let-Through Current Data — A120X2 to 30, 1200 Volts AC



I<sup>2</sup>t Data — 1200 Volts AC, 100kA

FUSE AMPERE RATING	I <sup>2</sup> t DATA	
	MELTING (A <sup>2</sup> s)	CLEARING (A <sup>2</sup> s)
1/2	.10	1.9
1	.40	7.5
2	4.3	30
3	8.9	69
4	10	120
5	18	190
6	29	280
10	500	970
15	1100	2100
20	2000	3700
25	3100	5700
30	4400	8300