

AFE/AFP-A

6.3Ø x 32 mm

Fast-Acting Fuse



Agency Approvals

Agency	Ampere Rating
UL Listed	10mA - 10A
UL Recognized	12A - 30A
CSA Certified	10mA - 30A
PSE	AFE: 1A - 10A (250V) 1A - 5A (125V / 32V) AFP-A: 1A - 10A

Interrupting Rating

500mA - 10A:	10,000 amperes at 125V AC
500mA - 1A:	35 amperes at 250V AC
1.2A - 3.5A:	100 amperes at 250V AC
3.75A - 10A:	200 amperes at 250V AC
12A - 30A:	300 amperes at 32V AC 200 amperes at 125V AC 100 amperes at 250V AC

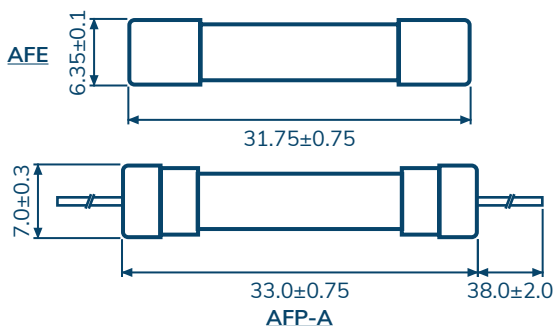
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Glass / Caps: Nickel Plated Brass
Leads Wire	Ø0.8 mm 12A and less. Ø1.0 mm for rating above 13A to 19A. Ø1.2 mm for rating above 20A.

Packaging

Packaging Option	Quantity
Bulk	AFE: 500 pcs / box AFP-A: 250 pcs / box

Mechanical Dimensions (mm)



Electrical Characteristics

Ampere Rating	Opening Time		
	1 In	1.35 In	2 In
	MIN	MAX	MAX
500mA - 30A	4 hr	1 hr	5 sec
Above 30A	4 hr	1 hr	120 sec

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec.)
AFE / AFP-A .500	500mA	250V	0.5955	0.1603
AFE / AFP-A .600	600mA		0.4523	0.2013
AFE / AFP-A .630	630mA		0.4287	0.2143
AFE / AFP-A .700	700mA		0.3500	0.2646
AFE / AFP-A .750	750mA		0.3133	0.3544
AFE / AFP-A .800	800mA		0.2668	0.4032
AFE / AFP-A 001	1A		0.1978	0.7200
AFE / AFP-A 1.20	1.2A		0.1445	1.1664
AFE / AFP-A 1.50	1.5A		0.1165	1.8225
AFE / AFP-A 1.60	1.6A		0.0979	2.0736
AFE / AFP-A 002	2A		0.0716	5.7154
AFE / AFP-A 2.50	2.5A		0.0572	8.7581
AFE / AFP-A 003	3A		0.0422	13.885
AFE / AFP-A 3.15	3.15A	0.0401	13.926	
AFE / AFP-A 3.20	3.2A	0.0396	14.280	
AFE / AFP-A 3.50	3.5A	0.0350	18.879	
AFE / AFP-A 004	4A	0.0313	26.208	
AFE / AFP-A 4.50	4.5A	0.0252	38.088	
AFE / AFP-A 005	5A	0.0230	49.968	
AFE / AFP-A 006	6A	0.0205	70.378	
AFE / AFP-A 6.30	6.3A	0.0172	84.199	
AFE / AFP-A 007	7A	0.0158	111.50	
AFE / AFP-A 7.50	7.5A	0.0148	124.87	
AFE / AFP-A 008	8A	0.0136	137.35	
AFE / AFP-A 010	10A	0.0107	209.95	
AFE / AFP-A 012	12A	0.0085	362.88	
AFE / AFP-A 013	13A	0.0074	425.88	
AFE / AFP-A 015	15A	0.0064	583.20	
AFE / AFP-A 016	16A	0.0062	615.00	
AFE / AFP-A 018	18A	0.0049	933.12	
AFE / AFP-A 020	20A	0.0045	1080.0	
AFE / AFP-A 025	25A	0.0036	2475.0	
AFE / AFP-A 030	30A	0.0024	4412.9	