ABE

6.3Ø x 32 mm

Fast-Acting Fuse

Agency Approvals

Agency	Ampere Rating
UL Listed	100mA - 15A
Recognized Component for Canada and US	15.1A - 40A
CSA Certified	100mA - 15A
CSA Acceptance	15.1A - 25A
PSE	5.1A - 15A (250V)

Interrupting Rating

100mA - 20A:	10,000 amperes at 125V AC
100mA - 10A:	750 amperes at 250V DC
100mA - 1A:	35 amperes at 250V AC
1.25A - 3.5A:	100 amperes at 250V AC
3.75A - 10A:	200 amperes at 250V AC
10.1A - 15A:	750 amperes at 250V AC/DC
15.1A - 20A:	750 amperes at 250V AC/DC
20.1A - 30A:	100 amperes at 250V AC 400 amperes at 125V DC 1,000 amperes at 125V AC
30.1A - 40A:	1,000 amperes at 250V AC 400 amperes at 150V DC

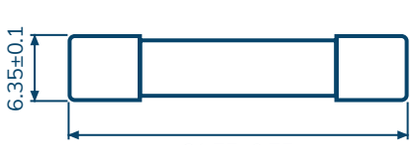
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic / Caps: Nickel Plated Brass

Packaging

Packaging Option	Quantity
Bulk	500 pcs / box

Mechanical Dimensions (mm)



ABE

Electrical Characteristics

Ampere Rating	Opening Time		
	1 In	1.35 In	2 In
	MIN	MAX	MAX
100mA - 30A	4 hr	1 hr	30 sec
Above 30A	4 hr	1 hr	120 sec

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I^2t (A^2 sec.)
ABE .100	100mA	250V	14.600	0.0027
ABE .125	125mA		10.200	0.0042
ABE .150	150mA		7.7000	0.0061
ABE .160	160mA		7.0000	0.0069
ABE .200	200mA		6.0000	0.0108
ABE .250	250mA		3.6150	0.0141
ABE .300	300mA		2.8000	0.0243
ABE .315	315mA		2.3000	0.0267
ABE .350	350mA		2.0000	0.0441
ABE .375	375mA		1.9540	0.0443
ABE .400	400mA		1.4000	0.0720
ABE .500	500mA		0.6879	0.1603
ABE .600	600mA		0.4740	0.2013
ABE .630	630mA		0.4287	0.2143
ABE .700	700mA		0.3500	0.2646
ABE .750	750mA		0.3129	0.3544
ABE .800	800mA		0.2828	0.4032
ABE 001	1A		0.1886	0.7200
ABE 1.25	1.25A		0.1428	1.2713
ABE 1.50	1.5A		0.1132	1.8225
ABE 002	2A		0.1987	5.3880
ABE 2.50	2.5A		0.0794	5.6250
ABE 003	3A		0.0635	7.1280
ABE 3.50	3.5A		0.0538	10.584
ABE 004	4A		0.0329	13.824
ABE 4.50	4.5A		0.0302	27.338
ABE 005	5A		0.0286	33.750
ABE 006	6A		0.0233	58.450
ABE 6.30	6.3A		0.0184	73.514
ABE 007	7A		0.0164	88.200
ABE 7.50	7.5A		0.0143	101.25
ABE 008	8A		0.0124	115.20
ABE 010	10A		0.0105	255.46
ABE 012	12A		0.0086	398.39
ABE 013	13A		0.0085	517.14
ABE 015	15A		0.0061	567.00
ABE 016	16A		0.0060	645.12
ABE 018	18A		0.0055	874.80
ABE 020	20A		0.0044	1283.0
ABE 025	25A		0.0036	2691.0
ABE 030	30A		0.0026	4155.3
ABE 040	40A		0.0016	9100.8