ABF/ABF-A

6.3Ø x 32 mm

Super Fast-Acting Fuse

Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	10A - 30A
TUV	16A - 30A

Interrupting Rating

10A - 12A:	20,000 amperes at 450V AC 1,000 amperes at 250V DC
16A - 25A:	10,000 amperes at 600V DC 50,000 amperes at 500V AC 20,000 amperes at 500V DC
30A:	50,000 amperes at 500V AC 20,000 amperes at 500V DC

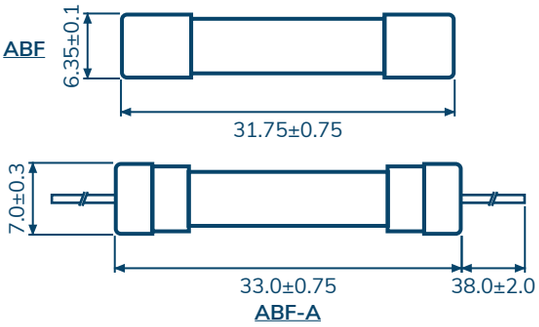
Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic / Caps: Nickel Plated Brass
Leads Wire	Ø0.8 mm 19A and less. Ø1.0 mm for rating above 20A to 30A

Packaging

Packaging Option	Quantity
Bulk	**ABF:** 500 pcs / box **ABF-A:** 250 pcs / box

Mechanical Dimensions (mm)



Electrical Characteristics

Ampere Rating	Opening Time		
	1.5 In	2 In	3 In
	MAX	MAX	MAX
10A - 30A	30 min	30 min	10 sec

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I²t (A² sec.)
ABF / ABF-A 010	10A	450V / 250V	0.0166	111.50
ABF / ABF-A 012	12A		0.0119	198.10
ABF / ABF-A 016	16A	500V / 600V	0.0066	92.500
ABF / ABF-A 020	20A		0.0054	136.70
ABF / ABF-A 025	25A		0.0041	248.00
ABF / ABF-A 030	30A	500V	0.0036	322.00