



## 1/4" x 1-1/4" Fuses GBB Series Very Fast Acting, Ceramic Tube

### **Description**

- Very fast-acting
- Optional axial leads available
- 1/4" x 1-1/4" (6.3mm x 32mm) physical size
- Ceramic tube, nickel-plated brass endcap construction
- 100pc-carton quantity weighs 1.0 lb (0.45 kg)
- UL recognized product meets standard 248-14
- RoHS Compliant version available (-R option)

ELECTRICAL CHARACTERISTICS						
Rated Current	% of Amp Rating	Opening Time				
1 - 20A	100%	None				
	150%	2 minutes maximum				
	250%	1 seconds maximum				
	400%	-				
25, 30A	100%	None				
	150%	2 minutes maximum				
	250%	6 seconds maximum				
	400%	-				

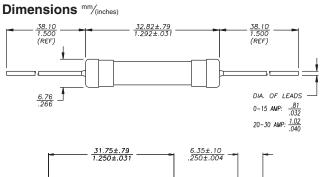
#### **Agency Information**

- UL Recognized Card: GBB 1-30A (JFHR2, E56412)
- CSA Component Certified Card (Class 1422-01 File 53787)

#### Ordering

· Specify product code, option code and packaging code





	SPECIFICATIONS								
Product Code	Voltage Rating		AC Interrupting Rating*		DC Interrupting Rating*	Typical DC Cold Resistance	Typical Melt I²t †		Typical Voltage
	AC	DC	250V	125V	125V	(ohms)**	AC	DC	Drop (V)‡
GBB-1	250V	125V	200A	10,000A	10,000A	0.17750	-	-	0.17750
GBB-1-1/4	250V	125V	200A	10,000A	10,000A	0.17900	-	-	0.17900
GBB-2	250V	125V	200A	10,000A	10,000A	0.06620	-	-	0.07000
GBB-3	250V	125V	200A	10,000A	10,000A	0.04475	-	-	0.04475
GBB-4	250V	125V	200A	10,000A	10,000A	0.03175	-	-	0.03175
GBB-5	250V	125V	200A	10,000A	10,000A	0.02125	-	-	0.02125
GBB-6	250V	125V	200A	10,000A	10,000A	0.01800	-	-	0.01800
GBB-7	250V	125V	200A	10,000A	10,000A	0.01550	-	-	0.01550
GBB-8	250V	125V	200A	10,000A	10,000A	0.01360	-	-	0.01360
GBB-9	250V	125V	200A	10,000A	10,000A	0.01070	-	-	0.01070
GBB-10	250V	125V	200A	10,000A	10,000A	0.00934	-	-	0.00934
GBB-12	250V	125V	200A	10,000A	10,000A	0.00620	-	-	0.08620
GBB-15	250V	125V	200A	10,000A	10,000A	0.00472	-	-	0.00472
GBB-20	250V	125V	200A	200A	200A	0.00330	-	-	0.00365
GBB-25	250V	125V	200A	200A	200A	0.00252	-	-	0.00252
GBB-30	250V	125V	200A	200A	200A	0.00206	-	-	0.00206

tender of the Interrupting ratings: Interrupting ratings: Interrupting ratings for 1-15A at 125Vdc was measured at 10,000A, 3.5 ms maximum, with time constant. Ratings 20-30A at 125Vdc were measured at 200A, 0.5 ms maximum, with time constant. Ratings 1-15A at 125Vac were measured at 10,000A, and 70% - 80% power factor. The interrupting ratings for 1-30A at 250Vac were measured at 90% - 100% power factor.

<sup>\*\*</sup> DC Cold Resistance (Measured at <10% of rated current)

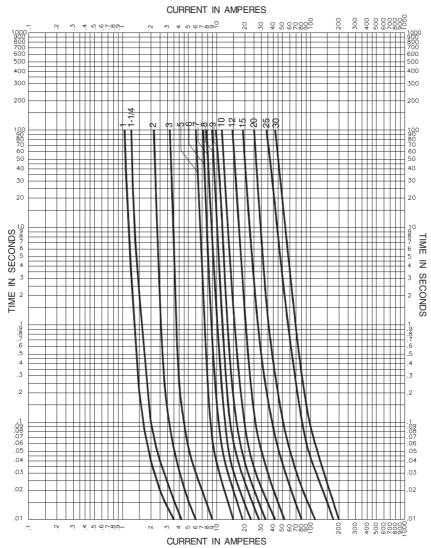
<sup>†</sup> Typical Melting I<sup>+</sup>t (I<sup>+</sup>t was measured at listed interrupting rating and rated voltage) Interrupting ratings were measured at 70% to 80% power factor on AC.

Typical Voltage drop (Voltage drop was measured at 25°C±3°C ambient temperature at rated current)



# 1/4" x 1-1/4" Fuses GBB Series Very Fast Acting, Ceramic Tube

#### TIME CURRENT CURVE



OPTION CODE		
Option Code	Description	
В	Board Washable - Hermetically sealed to withstand aqueous cleaning	
V	Axial leads - copper tinned wire with nickel plated brass overcaps	
-R	RoHS compliant version	

PACKAGING CODE			
Packaging Code	Description		
BK	100 pieces of fuses packed into a cardboard carton		
BK1	1,000 pieces of fuses packed into a cardboard carton		