

%" x 1 %" Ceramic Tube Fuses GBB Series, Very Fast-Acting

Description

- Very fast-acting
- Optional axial leads available
- ¼" x 1 ¼" (6.3 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

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

Agency Information

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

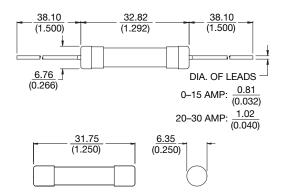
Ordering

· Specify packaging, product, and option code





Dimensions - mm/in



Specifications							
Part Number	Volt Rat	-		rrupting (amps)*	DC Interrupting Rating (amps)*	Typical DC Cold Resistance	Typical Voltage
	Vac	Vdc	250Vac	125Vac	125 V dc	(Ω)**	Drop (V)‡
GBB-1-R	250	125	200	10,000	10,000	0.17750	0.2096
GBB-1-1/4-R	250	125	200	10,000	10,000	0.17900	0.2497
GBB-2-R	250	125	200	10,000	10,000	0.06620	0.1687
GBB-3-R	250	125	200	10,000	10,000	0.04475	0.1816
GBB-4-R	250	125	200	10,000	10,000	0.03175	0.1778
GBB-5-R	250	125	200	10,000	10,000	0.02125	0.1217
GBB-6-R	250	125	200	10,000	10,000	0.01800	0.1324
GBB-7-R	250	125	200	10,000	10,000	0.01550	0.1355
GBB-8-R	250	125	200	10,000	10,000	0.01360	0.1144
GBB-9-R	250	125	200	10,000	10,000	0.01070	0.1218
GBB-10-R	250	125	200	10,000	10,000	0.00934	0.0877
GBB-12-R	250	125	200	10,000	10,000	0.00620	0.0806
GBB-15-R	250	125	200	10,000	10,000	0.00472	0.0735
GBB-20-R	250	125	200	200	200	0.00330	0.0728
GBB-25-R	250	125	200	200	200	0.00252	0.0610
GBB-30-R	250	125	200	200	200	0.00206	0.0657

the 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.



0709 BU-SB09209 Page 1 of 2 Data Sheet 2013

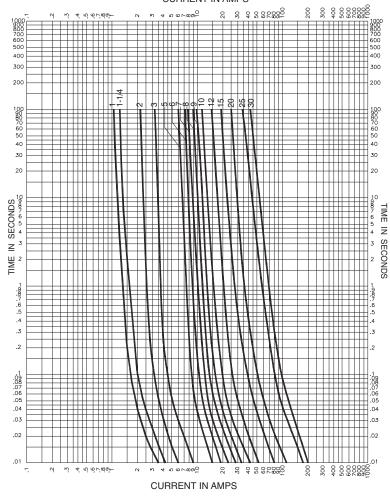
^{**} DC Cold Resistance (Measured at <10% of rated current)

[†] Typical Melting Ft (Pt 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)

Time-Current Curve

CURRENT IN AMPS



Packaging				
Packaging Code	Description			
BK	100 fuses packed into a cardboard carton			
BK1	1,000 fuses packed into a cardboard carton			

Option Code				
Option Code	Description			
В	Sealed to withstand aqueous cleaning (board washable)			
V	Axial leads - copper tinned wire with nickel plated brass overcaps			

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Data Sheet 2013



0709 BU-SB09209 Page 2 of 2