

%" 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 maximum				
	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)

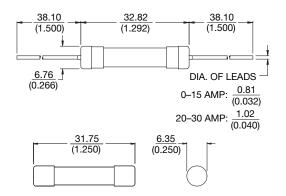
Orderina

• Specify packaging, product, and option code





Dimensions - mm/in



Specifications								
Part Number	Voltage Rating		AC Interrupting Rating (amps)*		DC Interrupting Rating (amps)*	Typical DC Cold Resistance	Typical Voltage	
	Vac	Vdc	250Vac	125Vac	125Vdc	(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.

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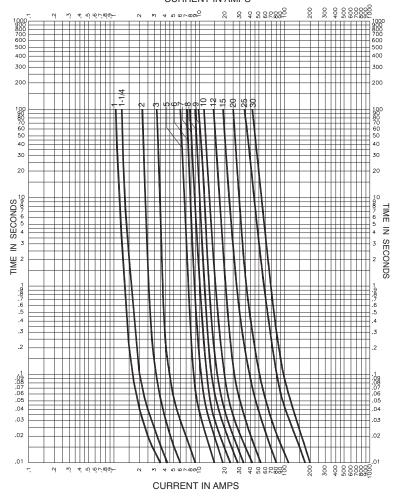
^{**} DC Cold Resistance (Measured at <10% of rated current)

[†] 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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