



5mm x 20mm Fuses **GDB Series, Fast Acting, Glass Tube**

Description

- Fast acting, low breaking capacity
- 5mm x 20mm physical size
- Glass tube, nickel-plated brass endcap construction
- Optional axial leads are .032" x 1.5" copper tinned
- Optional sleeve is flexible flouropolymer (Ú.L. flammability rating VW-1).
- Designed to IEC 60127-2-1

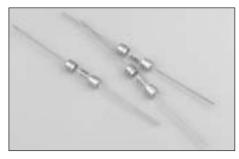
ELECTRICAL CHARACTERISTICS							
	1.5 ln	2.1 ln	2.75 ln		4 In		10 ln
In	min	max	min	max	min	max	max
32mA-100mA	60 min	30 min	10 ms	500 ms	3 ms	100 ms	20 ms
125mA-6.3A	60 min	30 min	50 ms	2 sec	10 ms	300 ms	20 ms

1.1 In: ∆t less than or equal to 70°C, 125ma-3A 1.0 In: Δt less than or equal to 70°C, 4A

Ordering

• Specify product code, option code and packaging code

- UL Recognized, Guide JDYX2, File E75865, 32mA-6.3A
- Semko Approval 32mA-400mA and 800mA-6.3A
- VDE Approval 160mA-6.3A
- BSI Approval 160mA-6.3A
- IMQ Approval 160mA-6.3A



Dimensions Drawing Not to Scale	38.10mm (±.38)
(#2	5.54mm (±.20) 21.10mm (±.81)

SPECIFICATIONS					
Product Code	Voltage Rating	Interrupting Rating at Rated Voltage (50Hz)	Typical DC Cold Resistance	Typical Melting I²t (A²Sec)	Maximum Voltage
	AC	AC/DC	(ohms)*	AC†	Drop (mV)‡
GDB-32mA	250V	35A	41.5	0.000047	3200
GDB-40mA	250V	35A	25.5	0.00011	2500
GDB-50mA	250V	35A	17.5	0.00020	2400
GDB-63mA	250V	35A	12.9	0.00057	2000
GDB-80mA	250V	35A	5.2	0.0012	1200
GDB-100mA	250V	35A	3.9	0.003	1100
GDB-125mA	250V	35A	2.9	0.005	1000
GDB-160mA	250V	35A	9.2	0.008	2000
GDB-200mA	250V	35A	7.0	0.016	1700
GDB-250mA	250V	35A	4.5	0.28	1400
GDB-315mA	250V	35A	3.2	0.58	1300
GDB-400mA	250V	35A	1.9	0.18	1100
GDB-500mA	250V	35A	0.27	0.18	220
GDB-630mA	250V	35A	0.21	0.35	220
GDB-800mA	250V	35A	0.15	0.67	190
GDB-1A	250V	35A	0.13	0.60	200
GDB-1.25A	250V	35A	0.098	0.84	200
GDB-1.6A	250V	35A	0.068	1.6	190
GDB-2A	250V	35A	0.044	4.2	150
GDB-2.5A	250V	35A	0.035	6.1	150
GDB-3.15A	250V	35A	0.026	13	130
GDB-4A	250V	35A	0.022	22	130
GDB-5A	250V	35A	0.015	42	120
GDB-6.3A	250V	35A	0.010	69	120

DC Cold Resistance (Measured at <10% of rated current)
Typical Melting I²t (I²t was measured at listed interrupting rating and rated voltage)
Maximum Voltage Drop (Voltage drop was measured at 20°C ambient temperature at rated current)

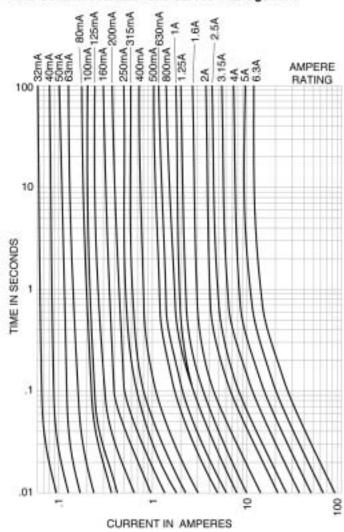




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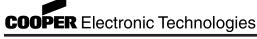
TIME CURRENT CURVE

Time-Current Characteristic Curves-Average Melt



OPTION CODE		
Option Code	Description	
S	Sealed with a flouropolmer sleeve to withstand aqueous cleaning	
V	Axial leads - copper tinned wire with nickel plated brass overcaps	

PACKAGING CODE			
Packaging Code	Description		
BK	100 pieces of fuses packed into a cardboard carton with flaps folded		
BK1	1,000 pieces of fuses packed into a poly bag		
TR2	1,500 pieces of fuses packed into tape on a reel		



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Visit us on the Web at www.cooperET.com

© Cooper Electronic Technologies 2001 3601 Quantum Boulevard Boynton Beach, Florida 33426-8638 Tel: +1-561-752-5000 Toll Free: +1-888-414-2645 Fax: +1-561-742-1178

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