

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

Description

- · Fast-acting, low breaking capacity
- 5 x 20mm physical size
- · Glass tube, nickel-plated brass endcap construction
- Optional axial leads are .032" x 1.5" copper tinned
- Designed to IEC 60127-2 (32mA-10A)

Electrical Characteristics								
In	1.5 In min	2.1 In max	2.75 In min max		4 In min max		10 In 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	
8A-10A	30 min	30 min	50 ms	2 sec	10 ms	400 ms	40 ms	

Agency Information

- UL Recognized Card: Guide JDYX2, File E19180
- VDE Approval: File 40014109

Ordering

Specify product code

- Insert packaging code prefix before part number. E.g. BK/GDB-250mA
- · Ratings above 6.3A have a 0.8mm diameter lead
- · With TR2 packaging code, lead wire length is 19.05mm

Specify product code

· For axial leads, insert "V" between catalog series and amp rating. E.g. BK/GDB-V-250mA



Dimensions - mm



	Specifications						
Part Number	Voltage Rating	Interrupting Rating (amps) at Rated Voltage (50Hz)	Typical DC Cold Resistance	Typical Melting I ² t	Maximum Voltage	Agency Approval	
	Vac	Vac	<u>(Ω)*</u>	ACt	Drop (mV)‡	UR	VDE
GDB-32mA	250	35	40	0.000047	3200		
GDB-40mA	250	35	25	0.00011	2500		
GDB-50mA	250	35	17	0.00020	2400		
GDB-63mA	250	35	12.5	0.00057	2000		
GDB-80mA	250	35	5.0	0.0012	1200		
GDB-100mA	250	35	3.8	0.003	1100		
GDB-125mA	250	35	2.8	0.005	1000		
GDB-160mA	250	35	9.1	0.008	2000	Х	Х
GDB-200mA	250	35	6.8	0.016	1700	X	Х
GDB-250mA	250	35	4.3	0.28	1400	X	Х
GDB-315mA	250	35	3.1	0.58	1300	X	Х
GDB-400mA	250	35	2.0	0.18	1100	Х	Х
GDB-500mA	250	35	0.26	0.18	220	Х	Х
GDB-630mA	250	35	0.20	0.35	220	Х	Х
GDB-800mA	250	35	0.14	0.67	190	Х	Х
GDB-1A	250	35	0.125	0.60	200	Х	Х
GDB-1.25A	250	35	0.096	0.84	200	Х	Х
GDB-1.6A	250	35	0.066	1.6	190	X	Х
GDB-2A	250	35	0.043	4.2	150	Х	Х
GDB-2.5A	250	35	0.034	6.1	150	Х	Х
GDB-3.15A	250	35	0.025	13	130	X	Х
GDB-4A	250	40	0.021	22	130	X	Х
GDB-5A	250	50	0.014	42	120	Х	Х
GDB-6.3A	250	63	0.010	69	120	Х	Х
GDB-8A	250	80	0.010	N/A	120	Х	Х
GDB-10A	250	100	0.008	N/A	120	Х	Х

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)



Data Sheet 2015

Time-Current Curve



Packaging Code		
Packaging Prefix	Description	
BK	100 fuses packed into a cardboard carton	
BK1	1,000 fuses packed into a poly bag	
TR2	1,500 fuses packed into tape on a reel (19.05mm lead wire length)	

	Option Code
Option Code	Description
V	Axial leads - copper tinned wire with nickel plated brass endcaps

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