GDC

5 mm x 20 mm Time-delay glass tube fuses

Agency information

- cURus Recognition: Guide JDYX2/JDYX8, File E19180
- IMQ Approval: File E1921, CA03.00530
- MITI/JET: File JET1641-31003-1005

Ordering

- Specify packaging, product, and option code
- With TR2 packaging code, lead wire length is 19.05mm

Product features

- Time-delay, low breaking capacity
- Optional axial leads available
- 5 x 20mm physical size
- Glass tube, nickel-plated brass endcap construction
- Designed to IEC 60127-2 (32mA-10A)

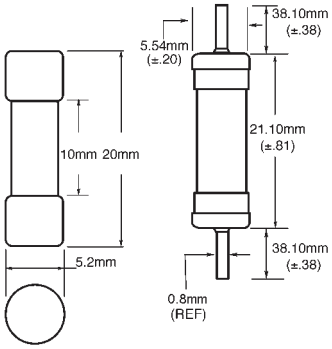
Electrical Characteristics							
	2.1 I_n	2.75 I_n		4 I_n		10 I_n	
I_n	max	min	max	min	max	min	max
32mA-100mA	2 min	200 ms	10 sec	40 ms	3 sec	10 ms	300 ms
125mA-6.3A	2 min	600 ms	10 sec	150 ms	3 sec	20 ms	300 ms

Specifications								
Product Code	Voltage Rating Vac	Interrupting Rating (amps) at Rated Voltage (50Hz) Vac	Typical DC Cold Resistance (Ω)*	Typical Melting I ²t (amps)	Typical Voltage Drop (mV)‡	Agency Approvals		
						cURus	IMQ	MITI/JET
GDC-32mA	250	35	21.0	0.0051	1050	X	X	
GDC-40mA	250	35	13.90	0.0072	920	X	X	
GDC-50mA	250	35	9.24	0.0095	800	X	X	
GDC-63mA	250	35	6.96	0.021	760	X	X	
GDC-80mA	250	35	4.42	0.038	580	X	X	
GDC-100mA	250	35	2.80	0.045	490	X	X	
GDC-125mA	250	35	1.97	0.063	390	X	X	
GDC-160mA	250	35	1.27	0.093	320	X	X	
GDC-200mA	250	35	1.00	0.114	340	X	X	
GDC-250mA	250	35	0.640	0.265	270	X	X	
GDC-315mA	250	35	0.450	0.621	250	X	X	
GDC-400mA	250	35	0.31	0.872	210	X	X	
GDC-500mA	250	35	0.183	0.827	140	X	X	
GDC-630mA	250	35	0.186	1.33	150	X	X	
GDC-800mA	250	35	0.129	2.78	75	X	X	
GDC-1A	250	35	0.0757	6.45	87.5	X	X	X
GDC-1.25A	250	35	0.060	10.05	86	X	X	X
GDC-1.6A	250	35	0.0425	21.7	82	X	X	X
GDC-2A	250	35	0.03325	31.6	77	X	X	X
GDC-2.5A	250	35	0.0255	59.4	72.5	X	X	X
GDC-3.15A	250	35	0.0185	96.4	68.5	X	X	X
GDC-4A	250	40	0.0139	71.8	67	X	X	X
GDC-5A	250	50	0.00985	142.5	60.5	X	X	X
GDC-6.3A	250	63	0.0071	237.6	54	X	X	X

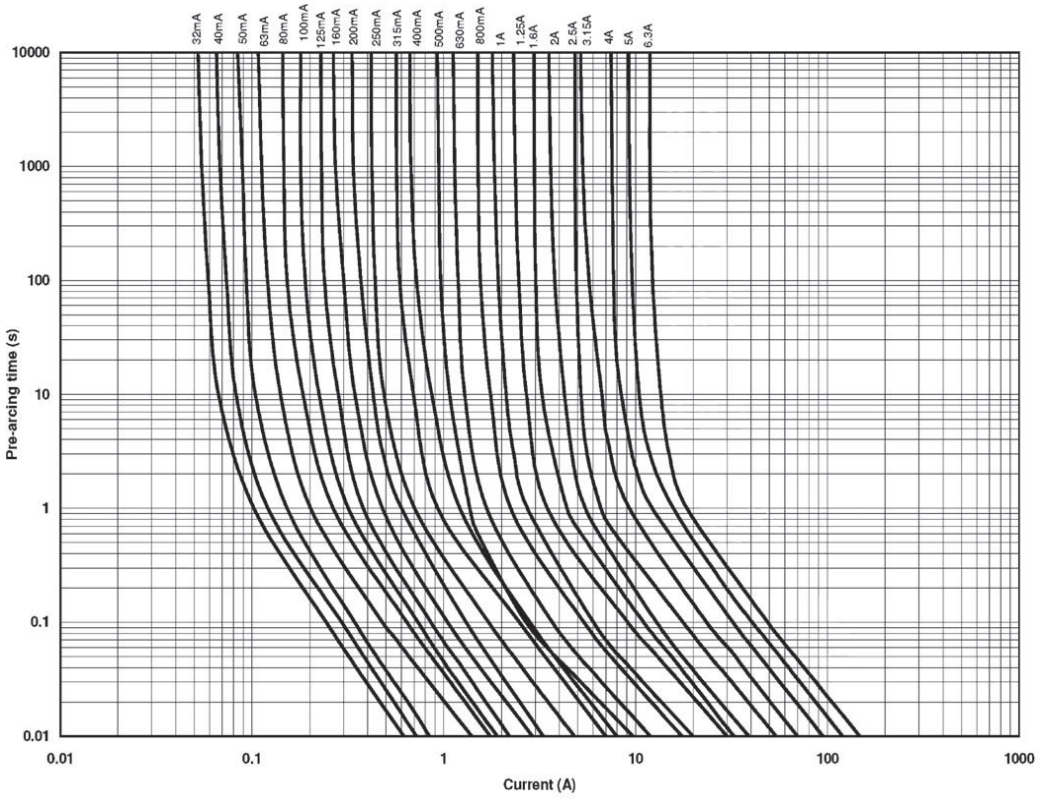
* DC Cold Resistance (measured at <10% of rated current)
‡ Typical Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current)

Dimensions - mm

Drawing Not to Scale



Nominal Time-Current Characterisitics of GDC



Packaging Code	
Packaging Code Suffix	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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