COOPER
Bussmann®

5 x 20mm Fuses
GDC Series, Time-Delay, Glass Tube

Description
- 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 max	2.75 I_n		4 I_n		10 I_n		
I_n		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	

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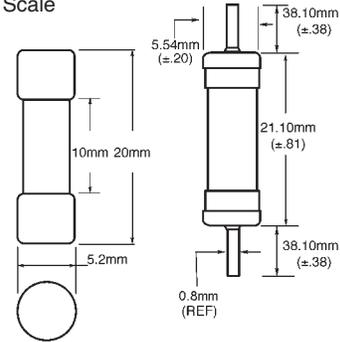- IMQ Approval: File E1921, CA03.00530
- MITI/JET: File JET1641-31003-1005

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

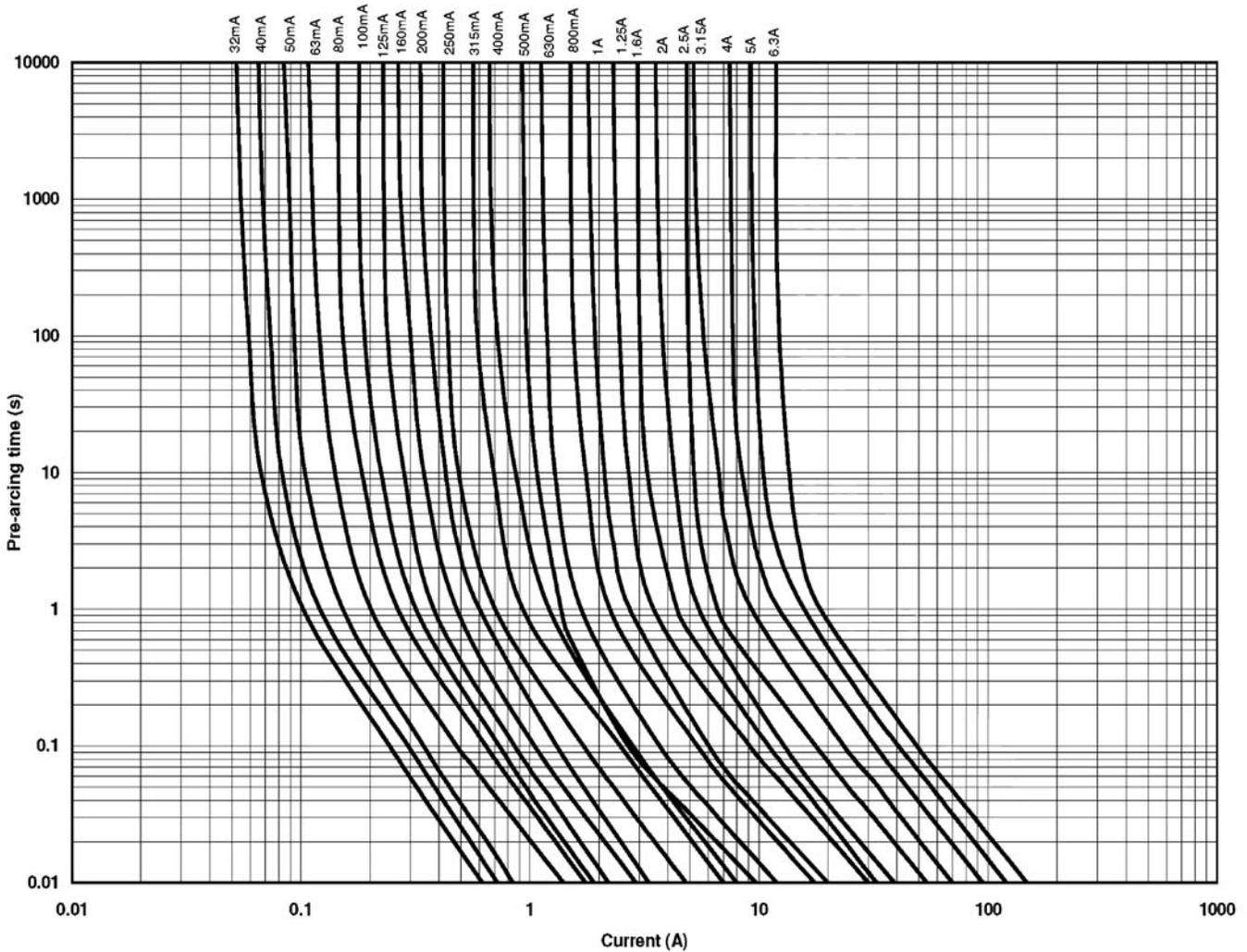### Dimensions - mm
Drawing Not to Scale

	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)

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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

COOPER Bussmann

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Cooper Bussmann](#):

   [GDC-1.25A](#) [GDC-1.6A](#) [BK/GDC-315MA](#)

[Eaton](#):

   [BK/GDC-V-125MA](#) [BK/GDC-V-400MA](#) [BK/GDC-800MA](#) [BK/GDC-160MA](#) [BK/GDC-V-2A](#) [BK/GDC-50MA](#) [BK/GDC-V-800MA](#) [BK/GDC-V-250MA](#) [BK/GDC-V-3.15A](#) [BK/GDC-3.15A](#) [BK/GDC-32MA](#) [BK/GDC-V-1A](#) [BK/GDC-125MA](#) [BK/GDC-80MA](#) [BK/GDC-V-80MA](#) [BK/GDC-V-6.3A](#) [BK/GDC-V-2.5A](#) [BK/GDC-V-4A](#) [BK-GDC-6-3AI](#) [GDC-1-25A](#) [GDC-1-6A](#) [BK-GDC-315MA](#) [BK-GDC-V-315MA](#) [BK/GDC-V-500MA](#) [BK/GDC-V-40MA](#) [BK/GDC-V-1.6A](#) [BK/GDC-1.6A](#) [BK/GDC-2.5A](#) [BK/GDC-V-200MA](#) [BK/GDC-V-50MA](#) [BK/GDC-V-630MA](#) [BK/GDC-630MA](#) [BK/GDC-V-32MA](#) [BK/GDC-40MA](#) [BK/GDC-200MA](#) [BK/GDC-63MA](#) [GDC-315MA](#) [BK/GDC-V-100MA](#) [BK/GDC-V-1.25A](#) [BK/GDC-V-5A](#) [BK/GDC-V-160MA](#) [BK/GDC-1.25A](#) [BK/GDC-V-63MA](#) [BK/GDC-V-315MA](#) [BP/GDC-5A](#)