

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

### Description

- Time-delay, low breaking capacity
- · Optional axial leads available
- 5 x 20mm physical size
- Nickel-plated brass endcap construction
- Designed to UL/CSA 248-14

Electrical Characteristics				
Rated Current	% of Amp Rating	Opening Time		
100mA - 4A	100%	None		
	135%	60 minutes maximum		
	200%	5 seconds minimum		
	200 /0	2 minutes maximum		

#### Agency Information

- UL Listed, Guide JDYX, File E19180
- UL Recognition Card (4A), Guide JDYX2, File E19180
- CSA Certified, Class 1422-01, File 53787
- PSE/JET, File 1641-31003-1001

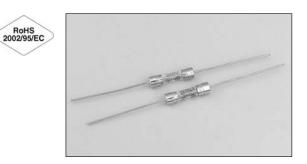
#### Ordering

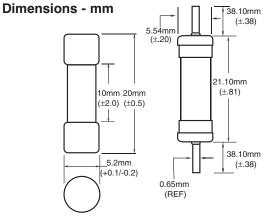
Specify product code

· Insert packaging code prefix before part number. E.g. BK/GMD-250-R

Specify option code if desired

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





· With TR2 packaging code, lead wire length is 19.05mm

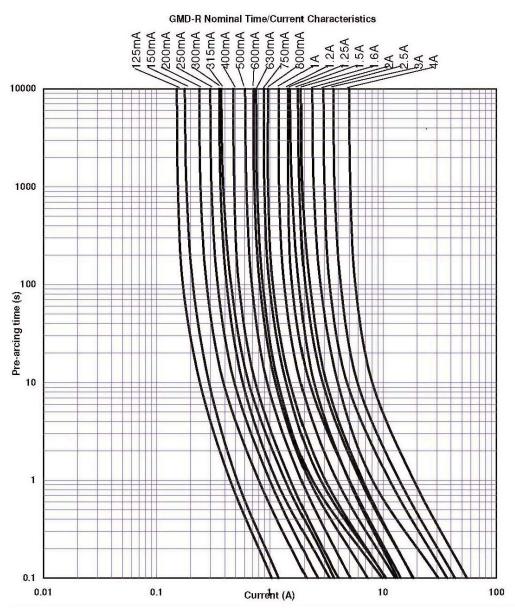
Specifications									
Voltage Inter		Interrupting	Rating (amps)	Typical DC	Typical	Typical	Agency Approvals		
Part Number	Rating	at Rated V	oltage (50Hz)	<b>Cold Resistance</b>	Melting I <sup>2</sup> t	Voltage	UL	PSE	CSA
	Vac	250 Vac	125 Vac	<b>(</b> Ω <b>)**</b>	(amps)†	Drop (mV)‡		JET	
GMD-125-R	250	35	10,000	8.125	0.043	1600	Х		X
GMD-150-R	250	35	10,000	6.065	0.046	1200	Х		X
GMD-200-R	250	35	10,000	5.190	0.200	1100	Х		X
GMD-250-R	250	35	10,000	3.455	0.4	950	Х		X
GMD-300-R	250	35	10,000	3.215	0.650	800	Х		X
GMD-315-R	250	35	10,000	2.400	0.890	750	Х		X
GMD-375-R	250	35	10,000	1.625	0.890	650	Х		X
GMD-400-R	250	35	10,000	1.505	1.2	600	Х		X
GMD-500-R	250	35	10,000	1.0645	1.4	550	Х		X
GMD-600-R	250	35	10,000	0.948	3.1	450	Х		X
GMD-630-R	250	35	10,000	0.629	3.1	450	Х		X
GMD-750-R	250	35	10,000	0.4425	4.7	410	Х		X
GMD-800-R	250	35	10,000	0.4475	6.6	380	Х		X
GMD-1-R	250	35	10,000	0.3065	12	310	Х	Х	X
GMD-1.2-R	250	100	10,000	0.299	16	280	Х	Х	X
GMD-1.25-R	250	100	10,000	0.1995	16	245	Х	Х	X
GMD-1.5-R	250	100	10,000	0.158	25	240	Х	Х	X
GMD-1.6-R	250	100	10,000	0.124	27	220	Х	Х	Х
GMD-2-R	250	100	10,000	0.107	42	200	Х	Х	Х
GMD-2.5-R	250	100	10,000	0.0905	94	195	Х	Х	Х
GMD-3-R	250	100	10,000	0.0655	145	190	Х	Х	Х
GMD-4-R	250	200	10,000	0.048	300	190	UR	Х	

Interrupting ratings (Interrupting ratings for 125mA - 3A were measured at 70% - 80% power factor on AC. The interrupting ratings for 4A were measured at 100% power factor on AC) Typical DC Cold Resistance (measured at <10% of rated current)

Typical Melting I<sup>2</sup>t (I<sup>2</sup>t was measured at listed interrupting rating and rated voltage) Typical Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current)

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## **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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