GMD

5 mm x 20 mm Time-delay glass tube fuses

RoHS

Product features

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

Agency information

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

Ordering

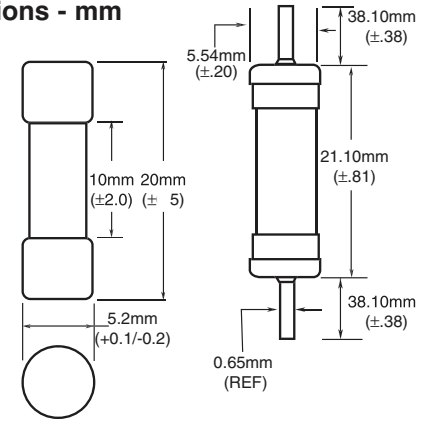
- Specify product code: Insert packaging code prefix before part number. E.g. BK-GMD-250-R
- Specify option code if desired: For axial leads, insert "V" between catalog series and amp rating. E.g. BK-GMD-V-250-R
- With TR2 packaging code, lead wire length is 19.05mm

Electrical characteristics		
Rated current	% of Amp rating	Opening time
125 mA - 4 A	100%	None
	135%	60 minutes maximum
	200%	5 seconds minimum
		2 minutes maximum

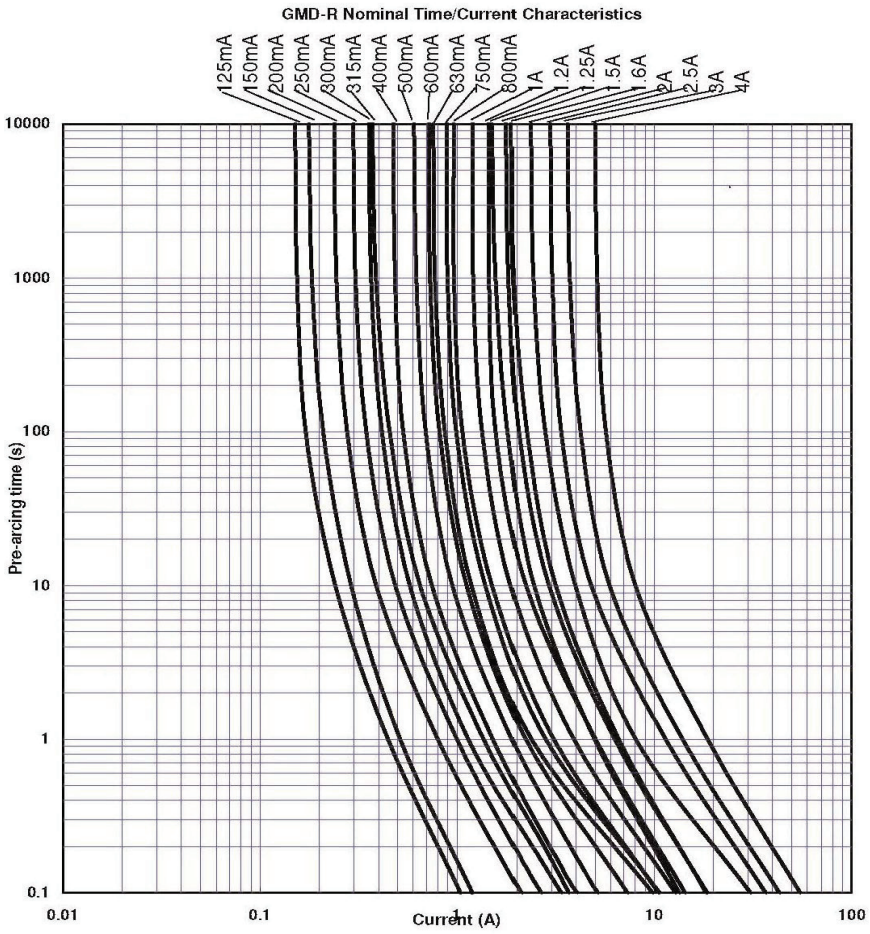
Specifications									
Part number	Voltage rating Vac	Interrupting rating (A) at rated voltage (50 Hz)		Typical DC cold resistance (Ω)**	Typical melting I^2t (A^2s)†	Typical voltage drop (mV)‡	Agency approvals		
		250 Vac	125 Vac				UL	PSE JET	CSA
GMD-125-R	250	35	10,000	9.91	0.043	1800	X		X
GMD-150-R	250	35	10,000	6.065	0.046	1200	X		X
GMD-200-R	250	35	10,000	3.215	0.20	1100	X		X
GMD-250-R	250	35	10,000	2.400	0.40	950	X		X
GMD-300-R	250	35	10,000	1.625	0.65	800	X		X
GMD-315-R	250	35	10,000	1.555	0.89	750	X		X
GMD-375-R	250	35	10,000	1.0645	0.89	650	X		X
GMD-400-R	250	35	10,000	0.948	1.2	600	X		X
GMD-500-R	250	35	10,000	0.629	1.4	550	X		X
GMD-600-R	250	35	10,000	0.4425	3.1	450	X		X
GMD-630-R	250	35	10,000	0.4475	3.1	450	X		X
GMD-750-R	250	35	10,000	0.3065	4.7	410	X		X
GMD-800-R	250	35	10,000	0.299	6.6	380	X	X	X
GMD-1-R	250	35	10,000	0.1995	12	310	X	X	X
GMD-1.2-R	250	100	10,000	0.158	16	280	X	X	X
GMD-1.25-R	250	100	10,000	0.124	16	245	X	X	X
GMD-1.5-R	250	100	10,000	0.107	25	240	X	X	X
GMD-1.6-R	250	100	10,000	0.905	27	220	X	X	X
GMD-2-R	250	100	10,000	0.655	42	200	X	X	X
GMD-2.5-R	250	100	10,000	0.48	94	195	X	X	X
GMD-3-R	250	100	10,000	0.37	145	190	X	X	X
GMD-4-R	250	200	10,000	0.28	300	190	UR	X	

* 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^2t (I^2t was measured at listed interrupting rating and rated voltage)
‡ Typical voltage drop (voltage drop was measured at +20 °C ambient temperature at rated current)

Dimensions - mm



Time-Current Curve



Packaging code	
Packaging prefx	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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