Technical Data 2019

Effective April 2020 Supersedes May 2017

GMD 5 mm x 20 mm Time-delay glass tube fuses



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

BUSSMANN SERIES

- 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		
	200%	2 minutes maximum		

				Specificat	ions				
	Voltage	Interrupting rating (A)		Typical DC	Typical	Typical	Agency approvals		
Part number	rating	at rated volta	age (50 Hz)	cold resistance	melting l ² t	voltage	UL	PSE	CSA
	Vac	250 Vac	125 Vac	(Ω)**	(A ² s)†	drop (mV)‡		JET	
GMD-125-R	250	35	10,000	9.91	0.043	1800	Х		X
GMD-150-R	250	35	10,000	6.065	0.046	1200	Х		Х
GMD-200-R	250	35	10,000	3.215	0.20	1100	Х		Х
GMD-250-R	250	35	10,000	2.400	0.40	950	Х		X
GMD-300-R	250	35	10,000	1.625	0.65	800	Х		Х
GMD-315-R	250	35	10,000	1.555	0.89	750	Х		Х
GMD-375-R	250	35	10,000	1.0645	0.89	650	Х		X
GMD-400-R	250	35	10,000	0.948	1.2	600	Х		Х
GMD-500-R	250	35	10,000	0.629	1.4	550	Х		Х
GMD-600-R	250	35	10,000	0.4425	3.1	450	X		Х
GMD-630-R	250	35	10,000	0.4475	3.1	450	Х		Х
GMD-750-R	250	35	10,000	0.3065	4.7	410	Х		X
GMD-800-R	250	35	10,000	0.299	6.6	380	Х	Х	Х
GMD-1-R	250	35	10,000	0.1995	12	310	Х	Х	Х
GMD-1.2-R	250	100	10,000	0.158	16	280	Х	Х	X
GMD-1.25-R	250	100	10,000	0.124	16	245	Х	Х	Х
GMD-1.5-R	250	100	10,000	0.107	25	240	Х	Х	Х
GMD-1.6-R	250	100	10,000	0.905	27	220	Х	Х	Х
GMD-2-R	250	100	10,000	0.655	42	200	Х	Х	Х
GMD-2.5-R	250	100	10,000	0.48	94	195	Х	Х	Х
GMD-3-R	250	100	10,000	0.37	145	190	Х	Х	Х
GMD-4-R	250	200	10,000	0.28	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 I² (I² was measured at listed interrupting rating and rated voltage) ‡ Typical voltage drop (voltage drop was measured at +20 °C ambient temperature at rated current)



GMD 5 mm x 20 mm Time-delay glass tube fuses



Packaging code		

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

Life Support Policy: Eaton does not authorize the use of any of its products for use in life support devices or systems without the express written approval of an officer of the Company. Life support systems are devices which support or sustain life, and whose failure to perform, when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in significant injury to the user.

Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin.

Eaton Electronics Division 1000 Eaton Boulevard Cleveland, OH 44122 United States Eaton.com/electronics

© 2020 Eaton All Rights Reserved Printed in USA Publication No. 2019 April 2020

Powerina Business Worldwide

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Follow us on social media to get the latest product and support information.

