

5 x 20mm Fast-acting Glass Tube Fuses GMA Series



Dimensions - mm



Description

- Fast-acting, low breaking capacity
- Optional axial leads available
- 5 x 20mm physical size
- Glass tube, silver-plated (63mA-315mA) and nickel-plated (500mA-15A) brass endcap construction
- Designed to UL/CSA 248-14

- Ratings above 6.3A have a 0.8mm diameter lead
- With TR2 packaging code, lead wire length is 19.05mm

Agency Information

- UL Listed, Guide JDYX, File E19180, 63mA-6A
- UL Recognized, Guide JDYX2, File E19180, 7-15A
- CSA Certified, Class 1422-01, File 53787, 63mA-6A
- PSE Approval, 1A-15A

Electrical Characteristics		
Rated Current	% of Amp Rating	Opening Time
63mA - 15A	100%	None
	135%	60 minutes maximum
	200%	2 minutes maximum

Ordering

- Specify packaging, product, and option code

Specifications

Product Code	Amp Rating	Voltage Rating Vac	Interrupting Rating (amps)*		Typical DC Cold Resistance (Ω)**	Typical Pre-Arc I [†] t Vac†	Maximum Voltage Drop (mV)‡
			250Vac	125Vac			
GMA-63-R	63mA	250	35	10,000	15.750	0.00024	4700
GMA-100-R	100mA	250	35	10,000	7.840	0.0001	4300
GMA-125-R	125mA	250	35	10,000	4.895	0.0024	2600
GMA-200-R	200mA	250	35	10,000	2.500	0.001	3400
GMA-250-R	250mA	250	35	10,000	1.735	0.018	2200
GMA-300-R	300mA	250	35	10,000	0.906	0.019	470
GMA-315-R	315mA	250	35	10,000	0.839	0.019	450
GMA-500-R	500mA	250	35	10,000	0.454	0.15	230
GMA-600-R	600mA	250	35	10,000	0.256	0.32	200
GMA-750-R	750mA	250	35	10,000	0.186	0.47	200
GMA-800-R	800mA	250	35	10,000	0.170	0.70	180
GMA-1-R	1	250	35	10,000	0.163	0.48	300
GMA-1.25-R	1.25	250	100	10,000	0.122	0.84	290
GMA-1.5-R	1.5	250	100	10,000	0.090	1.6	270
GMA-1.6-R	1.6	250	100	10,000	0.080	2.0	260
GMA-2-R	2	250	100	10,000	0.066	3.1	250
GMA-2.5-R	2.5	250	100	10,000	0.046	4.9	240
GMA-3-R	3	250	100	10,000	0.039	8.8	215
GMA-3.15-R	3.15	125	-	10,000	0.036	9.7	210
GMA-3.5-R	3.5	125	-	10,000	0.030	13	210
GMA-4-R	4	125	-	10,000	0.026	19	205
GMA-5-R	5	125	-	10,000	0.021	29	200
GMA-6-R	6	125	-	10,000	0.017	45	180
GMA-7-R	7	125	-	200	0.012	150	110
GMA-8-R	8	125	-	200	0.009	280	110
GMA-10-R	10	125	-	200	0.006	280	110
GMA-15-R	15	125	-	150	0.004	950	100

* Interrupting ratings: Interrupting ratings for 63mA - 6A were measured at 70% - 80% power factor on AC. The interrupting ratings for 7A - 15A were measured at 100% power factor on AC.

** DC Cold Resistance (Measured at <10% of rated current)

† Typical Pre-Arching I[†]t (I[†]t was measured at listed interrupting rating and rated voltage)

‡ Maximum Voltage drop (Voltage drop was measured at 20°C ambient temperature at rated current)

Time-Current Curve – GMA-R 63mA-800mA



Time-Current Curve – GMA-R 1-15A



Packaging Code

Packaging Code	Description
BK	100 fuses packed into a cardboard carton
BK1	1000 fuses packed into a poly bag
TR2	1500 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 overcaps

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Eaton manufacturer:](#)

Other Similar products are found below :

[BK1-S506-6-3-R](#) [BK-MDL-3-R](#) [BK/ABC-1](#) [BK/MDA-15](#) [GMA-5A](#) [GMA250MA](#) [89096-015](#) [8946K153](#) [8961K155](#) [M22-D-R-GB0/K11](#)
[M22-L-R/R](#) [6422](#) [6580](#) [CTX20-16-52LP-R](#) [CWL530FI](#) [CXM/CO/GP/R/BB](#) [6HD36](#) [714125](#) [MBO-2](#) [7314K36](#) [7321K2](#) [F02A-1-1/2A](#)
[F02A-1-1/2AS](#) [F02A-1AS](#) [F02A-2AS](#) [F02A-3/4A](#) [F03A250V12A](#) [F03B125V4A](#) [MCR-4](#) [MDA-2-8/10-R](#) [MDA-30A](#) [MDA-V-1/16](#)
[F60C500V10AS](#) [F60C500V15AS](#) [7563K84](#) [7634K36](#) [MDQ-3/16](#) [MDQ-7/10](#) [MDQ-V-1/10](#) [MDQ-V-1-1/4](#) [MDQ-V-1/16](#) [MDQ-V-1/2](#)
[MDQ-V-1/4](#) [MDQ-V-3/16](#) [MDQ-V-3/8](#) [MDQ-V-6/10](#) [MDQ-V-6-1/4](#) [MDV-1-1/2](#) [MDV-3/8](#) [MDV-4](#)