



# 5mm x 20mm Fuses GMC Series Medium Time Delay, Glass Tube

## Description

- Medium time delay, low breaking capacity
- 5mm x 20mm physical size
- Glass tube, nickel-plated brass endcap construction
- Optional axial leads are .032" x 1.5" copper tinned
- Optional sleeve is flexible flouropolymer (U.L. flammability rating VW-1)
- Designed to UL/CSA 248-14

ELECTRICAL CHARACTERISTICS					
Rated Current	% of Amp Rating Opening Time				
63mA - 10A	100%	None			
	135%	60 minutes maximum			
	200%	2 minutes maximum			

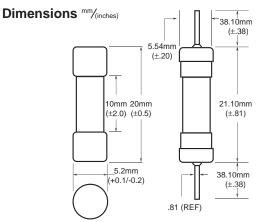
### **Approvals**

- UL Listed, Guide JDYX, File E75865, 63mA-6.3A
- UL Recognition, Guide JDYX2, File E75865, 7A-8A
- CSA Certified, Class 1422-01, File E65063, 63mA-6.3A

#### **Ordering**

• Specify product code, option code and packaging code





	SPECIFICATIONS							
	Voltage	AC Inte	errupting	Typical DC Cold	Typical	Maximum		
Product Code	Rating	Ra	ting*	Resistance	Pre-Arc I <sup>2</sup> t	Voltage		
	AC	250V	125V	(ohms)**	AC†	Drop (mV)‡		
GMC-63mA	250V	35A	10,000A	10.350	0.0027	1400		
GMC-80mA	250V	35A	10,000A	-	0.0050	1400		
GMC-100mA	250V	35A	10,000A	4.775	0.0094	1200		
GMC-125mA	250V	35A	10,000A	3.400	0.014	1000		
GMC-150mA	250V	35A	10,000A	2.555	0.022	800		
GMC-160mA	250V	35A	10,000A	2.295	0.022	730		
GMC-200mA	250V	35A	10,000A	1.395	0.032	650		
GMC-250mA	250V	35A	10,000A	0.965	0.046	490		
GMC-300mA	250V	35A	10,000A	0.838	0.081	580		
GMC-315mA	250V	35A	10,000A	0.685	0.081	480		
GMC-400mA	250V	35A	10,000A	0.615	0.18	510		
GMC-500mA	250V	35A	10,000A	0.335	0.41	370		
GMC-600mA	250V	35A	10,000A	0.282	0.60	360		
GMC-630mA	250V	35A	10,000A	0.246	0.66	360		
GMC-700mA	250V	35A	10,000A	0.213	0.85	340		
GMC-750mA	250V	35A	10,000A	0.213	0.85	320		
GMC-800mA	250V	35A	10,000A	0.180	0.85	290		
GMC-1A	250V	35A	10,000A	0.156	1.8	250		
GMC-1.25A	250V	100A	10,000A	0.098	3.4	200		
GMC-1.5A	250V	100A	10,000A	0.076	5.4	190		
GMC-1.6A	250V	100A	10,000A	0.067	5.8	160		
GMC-2A	250V	100A	10,000A	0.043	8.9	130		
GMC-2.5A	250V	100A	10,000A	0.035	13	130		
GMC-3A	250V	100A	10,000A	0.026	19	130		
GMC-3.15A	250V	100A	10,000A	0.025	23	130		
GMC-3.5A	125V	-	10,000A	0.022	25	130		
GMC-4A	125V	-	10,000A	0.019	36	120		
GMC-5A	125V	-	10,000A	0.014	58	120		
GMC-6A	125V	-	10,000A	0.013	88	120		
GMC-6.3A	125V	-	10,000A	0.012	110	120		
GMC-7A	125V	-	200A	0.012	150	120		
GMC-8A	125V	-	200A	0.009	200	110		
GMC-10A	125V	-	200A	0.007	300	110		

Interrupting ratings: Interrupting ratings for 63mA - 6.3A were measured at 70% - 80% power factor on AC. The interrupting ratings for 7A - 10A were measured at 100% power factor on AC. DC Cold Resistance (Measured at <10% of rated current)

Typical Pre-Arching Pt (I²t was measured at listed interrupting rating and rated voltage)

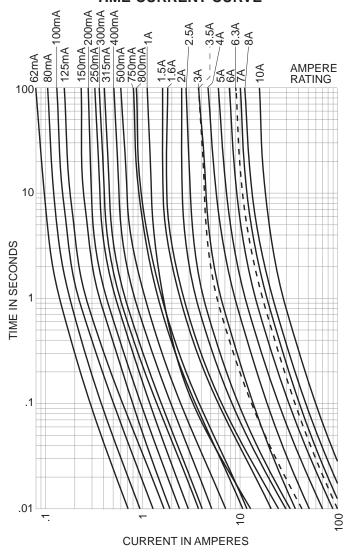
Maximum Voltage drop (Voltage drop was measured at 20°C ambient temperature at rated current)





## 5mm x 20mm Fuses GMC Series Medium Time Delay, Glass Tube

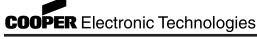
### TIME CURRENT CURVE



OPTION CODE

Option Code Description
S Sealed with a flouropolmer sleeve to withstand aqueous cleaning
V Axial leads - copper tinned wire with nickel plated brass overcaps

PACKAGING CODE		
Packaging Code	Description	
BK	100 pieces of fuses packed into a cardboard carton with flaps folded	
BK1	1,000 pieces of fuses packed into a poly bag	
TR2	1,500 pieces of fuses packed into tape on a reel	



OC-2596 7/01

Visit us on the Web at www.cooperET.com

© Cooper Electronic Technologies 2001 3601 Quantum Boulevard Boynton Beach, Florida 33426-8638 Tel: +1-561-752-5000 Toll Free: +1-888-414-2645 Fax: +1-561-742-1178

This bulletin is intended to present product design solutions and technical information that will help the end user with design applications. Cooper Electronic Technologies reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Cooper Electronic Technologies also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.