

Edison Fuses – 5x20 mm Glass Medium Time-Delay GMC



Features

- Compact dimensions, 0.197" x 0.788" (5 mm x 20 mm)
- Glass tube construction with nickel-plated brass end caps
- Medium time-delay, low breaking capacity

Applications

Supplemental protection for electronic applications

GMC Specifications

Voltage Rating: GMC - See table below

Ampere Rating: 0.5 - 10 Amps

Interrupting Rating: See table below

Agency Approvals

- Designed to UL/CSA 248-14
- UL Listed, Guide JDYX, File E19180, 0.5A - 5A
- UL Recognition, Guide JDYX2, File E19180, 10A
- CSA Certified, Class 1422-01, File 053787, 0.5A - 5A

GMC Series 5x20mm Glass, Medium Time-Delay Fuses									
Part Number	AMP Rating	Rated Voltage	AC Interrupting Rating*		Typical Pre-Arc I^2t AC**	Voltage Drop mv***	Pcs/Pkg	Package Weight (lb.)	Price
		AC Max	250V	125V					
GMC-5	0.5	250V	35A	10000A	0.41	370	5	0.025	<--->
GMC1	1				1.8	250			<--->
GMC2	2		8.9		130	<--->			
GMC3	3		19		130	<--->			
GMC4	4	36	120	<--->					
GMC5	5	125V	-	58	120	<--->			
GMC10	10			300	110	<--->			

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

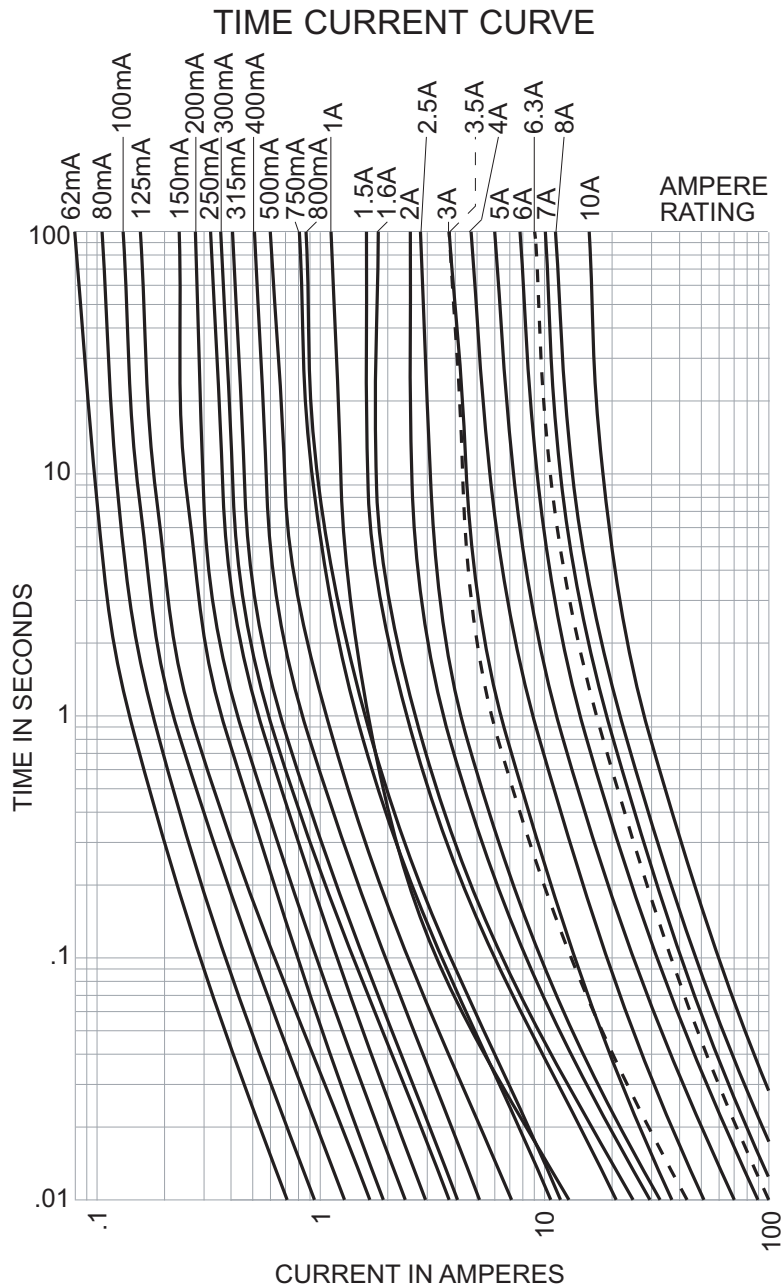
** Typical pre-arcing I^2t (A²Sec) - measured at listed interrupting rating and rated voltage.

*** Typical Voltage Drop - measured at 20°C ambient temperature at rated current.

For mounting and wiring GMC fuses see our DN-F10 Series fuse blocks in the Terminal Blocks and Wiring Solutions section.

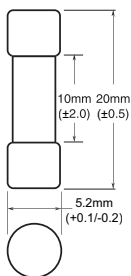
CROSS REFERENCE			
OLD EDISON	BUSSMANN	FERRAZ GOULD	LITTELFUSE
none	GMC	GSC	none

Edison Fuses – 5x20 mm Medium Time-Delay GMC



Dimensions

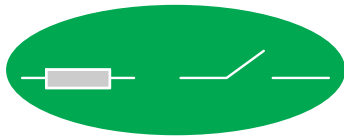
(mm)



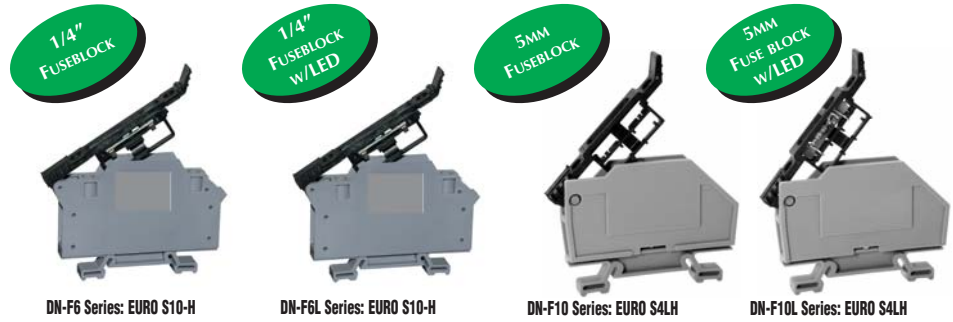
GMC Electrical Characteristics		
Rated Current	% of Amp Rating	Opening Time
0.5A to 10 Amps	100	None
	135	60 minutes maximum
	200	2 minutes maximum

- PLC Overview
- DL05/06 PLC
- DL105 PLC
- DL205 PLC
- DL305 PLC
- DL405 PLC
- Field I/O
- Software
- C-more HMIs
- Other HMI
- AC Drives
- Motors
- Steppers/Servos
- Motor Controls
- Proximity Sensors
- Photo Sensors
- Limit Switches
- Encoders
- Current Sensors
- Pushbuttons/Lights
- Process
- Relays/Timers
- Comm.
- TB's & Wiring
- Power
- Circuit Protection**
- Enclosures
- Appendix
- Part Index

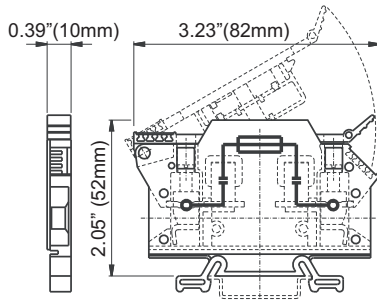
Fuse Terminal Blocks



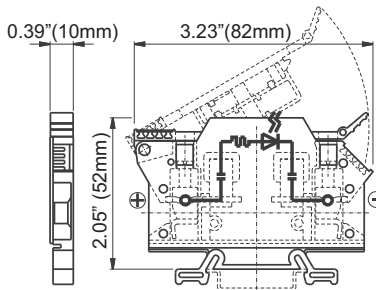
Fuse blocks are available for 1/4", 5 mm, Class CC and midget size fuses, either with or without a blown fuse LED. LED fuse blocks are polarity sensitive. The hinge side is positive.



DN-F6



DN-F6L



	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
Gray Term Blk	DN-F6	25	<--->	-	-	-	DN-F10	50	<--->	-	-	-
12-24VAC/DC*	-	-	-	DN-F6L24	10	<--->	-	-	-	DN-F10L24	10	<--->
110VAC/DC*	-	-	-	DN-F6L110	10	<--->	-	-	-	DN-F10L110	10	<--->
220VAC/DC*	-	-	-	DN-F6L220	10	<--->	-	-	-	DN-F10L220	10	<--->

Fuse Terminal Blocks Specifications												
UL Approval¹	600V	30A	20-6 AWG	600V	30A	20-6 AWG	300V	15A	24-10 AWG	300V	15A	24-10 AWG
CSA Approval	600V	30A	18-6 AWG	600V	30A	18-6 AWG	300V	8A	18-12 AWG	300V	8A	18-12 AWG
VDE Approval	750V	8A	-	750V	8A	-	500V	8A	4mm ²	500V	8A	4mm ²
CE Conformity	CE 23/20, CE 23/21			CE 23/20, CE 23/21			CE 23/20, CE 23/21			CE 23/20, CE 23/21		
Agency File#	E179129, LR84816			E179129, LR84816			E179129, LR84816			E179129, LR84816		
Wire Strip Length	0.47" (12mm)			0.47" (12mm)			0.39" (10mm)			0.39" (10mm)		
Tightening Torque	18.0 lb-in (2.0Nm)			18.0 lb-in (2.0Nm)			5.5 lb-in (0.6Nm)			5.5 lb-in (0.6Nm)		
Density	30 pcs./ft. (100/m)			30 pcs./ft. (100/m)			30 pcs./ft. (100/m)			30 pcs./ft. (100/m)		
Fuse Size (not supplied)	1 1/4" X 1/4"			1 1/4" X 1/4"			5x20mm-5x25mm			5x20mm-5x25mm		
Indicator Type	Non-indicating			LED blown fuse indicator			Non-indicating			LED blown fuse indicator		
Temp./Relative Humidity	Ambient air temperature: -25°C to -40°C (-13°F to -104°F) Relative humidity: 50% max. at 40°C (104°F), 90% max. at 20°C (-13°F)											

Note ¹: For copper wire only

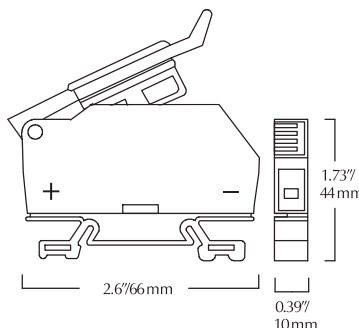
Accessories			
	Part#	Pcs/Pkg	Price/Pkg
35 mm DIN Rail	ADC Part No. DN-R35S1 (7.5 mm) or DN-R35HS1 (15 mm)		various
End Bracket	DN-EB35	50	<--->
	DN-EB35MN	20	<--->
End Cover	Included	-	-
Marking Tags	DN-L**/DN-LT*** series	500/100	various
Angled Support Bracket	DN-ASB1	50	<--->

Notes: *Working voltage ** On lever arm *** On Terminal body

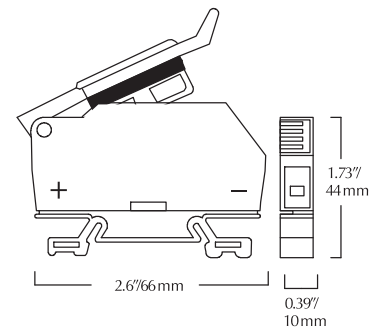
Note: DN-F6 series fuse holders will accommodate the following AutomationDirect fuses: ABC, AGC, MDA and MDL.

DN-F10 series fuse holders will accommodate the following AutomationDirect fuses: GMA, GMC, S500, and S506.

DN-F10



DN-F10L



For more information on accessories, see pages 26-20 through 26-22.