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Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

<https://mersen.nt-rt.ru/> || [mnh@nt-rt.ru](mailto:mnh@nt-rt.ru)

# Class G

480 & 600 Volt Fuse Blocks

## FUSE BLOCKS & HOLDERS

### 480 & 600V CLASS G FUSE BLOCKS




FB

Mersen Class G fuse blocks accommodate all 15, 20, 30 and 60 ampere Class G fuses. A choice of box, screw or pressure-plate connectors fit a wide range of stranded or solid copper wire. Insulators are glass-filled polycarbonate (GFPC) with verified dielectric strength in excess of 2500V. Fuse blocks feature a unique adder block which can be snapped onto 1-, 2-, or 3-pole blocks to form multi-pole segmented blocks of as many poles as desired. All fuse clips are made of high conductivity tin-plated copper alloy.

### RECOMMENDED FUSE USAGE:

Class G Blocks use with AG

### CLIP & CONNECTOR TYPES

30, 60A	15, 20, 30A	15, 20, 30A
COPPER BOX CONNECTOR OR ALUMINUM BOX CONNECTOR 	SCREW WITH DOUBLE QUICK-CONNECTS 	PRESSURE PLATE WITH DOUBLE-QUICK CONNECTS 

### RATINGS:

- Volts:** 600VAC (15, 20A), 480VAC (30, 60A)
- Amps:** 15A, 20A, 30A, 60A
- SCCR:** 100kA, 10kA (when using quick connects)
- Temperature/Flammability:** GFPC insulators rated 125°C RTI, 94V-0 flammability

### FEATURES/BENEFITS:

- Unique integral DIN-rail adapters for 15, 20 & 30A blocks
- Unique adder-block design (all ampere ratings) for design flexibility
- Spring reinforcing standard for 60A clips
- Features high conductivity copper alloy fuse clips

### APPROVALS:

All fuse blocks meet the requirements of UL 4248

- UL Listed guide IZLT, File E52283
- CSA Certified class 6225, File 32169

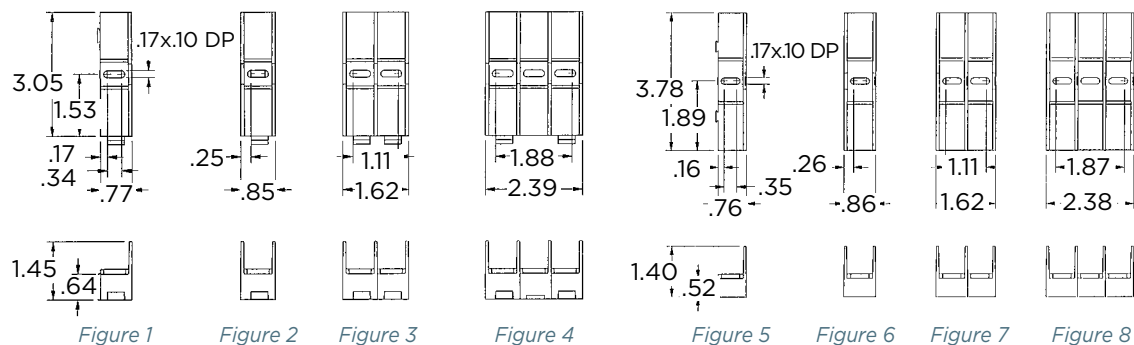


600 VOLT, 15 & 20 AMPERE;  
480 VOLT 30 & 60 AMPERE CLASS G FUSE BLOCKS

Ampere Rating	Poles	Connector Type	Wire Range	Catalog No.	Fig.	Torque (In - Lbs)
15 GFPC Insulator	ADDER	Screw w Double Quick Connects at Both Ends	Cu #10-14	40110G	1	20
	1			40111G	2	
	2			40112G	3	
	3			40113G	4	
	ADDER	Pressure Plate (SEMS) w Double Quick Connects at Both Ends	Cu #10-14	40120G	1	20
	1			40121G	2	
	2			40122G	3	
	3			40123G	4	
20 GFPC Insulator	ADDER	Screw w Double Quick Connects at Both Ends	Cu #10-14	40210G	1	20
	1			40211G	2	
	2			40212G	3	
	3			40213G	4	
	ADDER	Pressure Plate (SEMS) w Double Quick Connects at Both Ends	Cu #10-14	40220G	1	20
	1			40221G	2	
	2			40222G	3	
	3			40223G	4	
30 GFPC Insulator	ADDER	Screw w Double Quick Connects at Both Ends	Cu #10-14	40310G	1	20
	1			40311G	2	
	2			40312G	3	
	3			40313G	4	
	ADDER	Pressure Plate (SEMS) w Double Quick Connects at Both Ends	Cu #10-14	40320G	1	20
	1			40321G	2	
	2			40322G	3	
	3			40323G	4	
	ADDER	Copper Box	Cu #6-14	40350G	1	35
	1			40351G	2	
	2			40352G	3	
	3			40353G	4	
60 GFPC Insulator	ADDER	Aluminum Box	Al/Cu #2-14	40605G	5	45
	1			40606G	6	
	2			40607G	7	
	3			40608G	8	
	ADDER	Copper Box	Cu #4-14	40655G	5	45
	1			40656G	6	
	2			40657G	7	
	3			40658G	8	

FB

DIMENSIONS



## UL/CSA LISTED POWER FUSES

AMP-TRAP® AG FUSES FIT RIGHT INTO A WIDE VARIETY OF INDUSTRIAL APPLICATIONS



The Mersen Amp-Trap AG fuse series is a complete line of Class G fuses. AG fuses safely fit a wide variety of applications. Class G fuses are made in four physical sizes and provide superior branch-circuit protection for lighting, heating, and appliance circuits.

### FEATURES/BENEFITS:

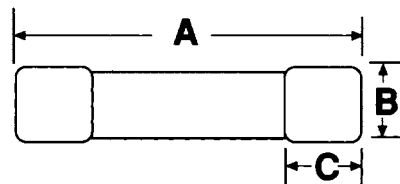
- Four unique sizes from ½-60 amperes do not allow inter-changeability with other fuse classes
- Fiberglass bodies provide dimensional stability in harsh industrial settings

### CATALOG NUMBERS (AMPS)

AG1/2	AG2	AG5	AG10	AG25	AG40	AG50
AG1	AG3	AG6	AG15	AG30	AG45	AG60
AG1-1/2	AG4	AG8	AG20	AG35		

### DIMENSIONS

Ampere Rating	A		B		C	
	in	mm	in	mm	in	mm
1/2-15A	1.31	33.3	.406	10.3	.28	7.1
20A	1.41	35.8	.406	10.3	.28	7.1
25, 30A	1.62	41.2	.406	10.3	.28	7.1
35-60A	2.25	57.2	.406	10.3	.50	



Cross Reference: AG will replace the following fuses: Bussmann SC, Littelfuse SLC

### RATINGS:

- **Volts:** 600VAC (1/2 to 20A), 480VAC (25 to 60A)
- **Amps:** 1/2 to 60A
- **IR:** 100kA I.R. AC

### HIGHLIGHTS:

- Current-limiting
- Time-delay (above 5A)

### APPLICATIONS:

- Lighting
- Heating\*
- Appliances

\*except in Canada where fuses must be "P" or "D" type.

### APPROVALS:

- UL listed to standard 248-5 File E2137
- CSA certified to standard C22.2 No. 248.5



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