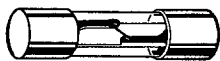




BUSS Small Dimension FUSES

for Protection of TV, Radios, Instruments and Electronic Equipment

FAST ACTING FUSES for PROTECTION OF INSTRUMENTS, Etc.

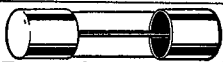


Formerly called 8AG.
Dimension $\frac{1}{4}$ x 1 inch, Glass tube.

Provide high speed action necessary to protect sensitive instruments.

Listed by Underwriters' Laboratories Inc.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
250 or less	AGX	$\frac{1}{500}$	\$1.65	\$1.37
"	AGX	$\frac{1}{200}$	.68	.57
"	AGX	$\frac{1}{100}$	.62	.53
"	AGX	$\frac{1}{32}$	.53	.45
250 or less	AGX	$\frac{1}{16}$	.35	.29
"	AGX	$\frac{1}{10}, \frac{1}{8}, \frac{3}{16}, \frac{1}{4}$	.24	.21
"	AGX	$\frac{1}{4}, \frac{3}{8}, \frac{1}{2}, \frac{1}{2}$ or $\frac{3}{4}$	.17	.14
"	AGX	1	.10	.08
"	MKB	$\frac{1}{16}$ or $\frac{1}{8}$	.53	.45
125 or less	AGX	$\frac{1}{2}$ or 2	.10	.08



Formerly called 8AG.
Dimension $\frac{1}{4}$ x 1 inch, Glass tube.

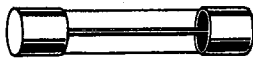
Test specification—carry 110%, open at 135% within 1 hour.

125 volt sizes are listed by Underwriters' Laboratories Inc.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
125 or less	AGX	3, or 4	.10	.08
"	AGX	5	.06	.05
32 or less	AGX	8, 10, 15 or 20	.06	.05
"	AGX	25 or 30	.07	.06

MJB & MJW FUSES NOW CALLED AGX

BUSS GLASS TUBE FUSES, $\frac{1}{4}$ x $1\frac{1}{4}$ inch

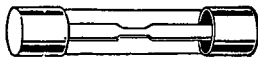


Formerly called 3AG

Test specification—carry 110%, open at 135% within 1 hour.

Listed by Underwriters' Laboratories Inc. for 250 volts or less.

Symbol	Amperes	Net Ea.	Qty. over \$20.00	Symbol	Amperes	Net Ea.	Qty. over \$20.00
AGC	$\frac{1}{500}$	\$1.65	\$1.37	AGC	$1\frac{1}{2}$	.24	.21
AGC	$\frac{1}{200}$	.68	.57	AGC	$\frac{3}{16}, \frac{1}{4}$	.24	.21
AGC	$\frac{1}{100}$	.62	.53	AGC	$\frac{1}{4}, \frac{3}{10}, \frac{3}{8}$	.17	.14
AGC	$\frac{1}{32}$	.53	.45	AGC	$\frac{4}{5}, \frac{1}{2}, \frac{3}{4}$	.17	.14
AGC	$\frac{1}{16}$	.24	.21	AGC	$1, 1\frac{1}{4}, 1\frac{1}{2}, 2$	.10	.08
AGC	$\frac{1}{8}$	.24	.21	MGB	$\frac{1}{16}$ or $\frac{1}{8}$	.53	.45
AGC	$\frac{1}{500}$	.24	.21	AGC	3	.09	.08
				MTH	4, 5 or 6	.13	.11



Formerly called 3AG

Test specification—carry 110%, open at 135% within 1 hour.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
125 or less	GLH	8 or 10	\$.20	\$.17
32 or less	AGC	4	.09	.08
"	AGC	5, 6, 7 $\frac{1}{2}$, 8, 10 or 15	.06	.05
"	AGC	20	.06	.05
"	AGC	25 or 30	.07	.06

20 ampere size is an SFE 20 fuse.
Sizes larger than 30 ampere are not recommended as clips or fuse holders would not permit fuse to carry such high currents. If surges or starting currents make heavier fuse necessary, use MDL Fuse-tron dual-element fuses.

MBW & MBB FUSES NOW CALLED AGC

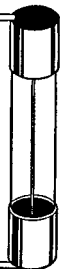
BUSS PIG-TAIL FUSES

$\frac{1}{4}$ x $1\frac{1}{4}$ inch Glass tube fuse with $1\frac{1}{2}$ inch leads of No. 20 tinned copper wire.

Test specifications—carry 110%, open at 135% within 1 hour

Listed by Underwriters' Laboratories Inc.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
250 or less	GJV	$\frac{1}{16}$	\$.42	\$.36
"	GJV	$\frac{1}{8}$	.30	.26
"	GJV	$\frac{1}{4}, \frac{3}{10}, \frac{3}{8}, \frac{1}{2}$ or $\frac{3}{4}$	.24	.21
"	GJV	1, 1 $\frac{1}{2}$, 2 or 3	.20	.17
"	GJV	4, 5 or 6	.20	.17



FUSETRON FUSES, $\frac{1}{4}$ x $1\frac{1}{4}$ inch



DUAL-ELEMENT
SLOW BLOWING TYPE

Stop needless blows from starting currents or surges. Fuse link operates only on very high overloads or short-circuits. Thermal cutout functions on low overloads—cannot operate quickly at any load, so long time-lag is obtained. Yet protection is afforded against short-circuits or continued overloads.

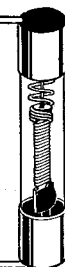
Test specification—carry 110%, open at 135% within 1 hour.
Approximate blowing time: at 200% load MDL 25 sec. MDX 12 sec.
at 300% " " 8 " " 3 "
at 500% " " 3 " " $\frac{1}{2}$ "

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
250 or less	MDL	$\frac{1}{100}$ or $\frac{1}{32}$	\$.47	\$.39
250 or less	MDL	$\frac{1}{16}, \frac{1}{10}, \frac{1}{8}, 1\frac{1}{100}, 17\frac{5}{1000}, \frac{3}{16}, \frac{1}{10}, \frac{1}{4}, \frac{3}{10}, \frac{3}{8}, \frac{1}{2}, \frac{1}{2}, \frac{6}{10}, \frac{7}{10}, \frac{3}{4}, \frac{8}{10}$ or 1		
"	MDX	$1\frac{1}{4}, 1\frac{1}{2}, 1\frac{9}{10}$ or 2	.33	.29
125 or less	MDL	$1\frac{1}{10}, 1\frac{1}{4}, 1\frac{1}{2}, 1\frac{9}{10}$ or 2	.38	.32
"	MDL	2 $\frac{1}{2}$ or 2 $\frac{3}{10}$	.30	.26
"	MDX	3, 3 $\frac{1}{10}, 4$ or 5	.24	.21
"	MDX	6 $\frac{1}{4}$ or 7	.24	.21
32 or less	MDL	3, 3 $\frac{1}{10}, 4, 5, 6\frac{1}{4}, 8, 10, 15, 20, 25$ or 30	.29	.24
			.24	.21

FUSETRON PIG-TAIL FUSES

Leads are No. 20 tinned wire $1\frac{1}{2}$ inch long. Listed by Underwriters' Laboratories Inc. Test specifications and performance, MDV $\frac{1}{100}$ to 2 $\frac{3}{10}$ amps. same as MDL fuses. 3 to 7 amps. same as MDX fuses.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
250 or less	MDV	$\frac{1}{100}$ or $\frac{1}{32}$	\$.57	\$.48
"	MDV	$\frac{1}{16}, \frac{1}{10}, \frac{1}{8}, 1\frac{5}{100}, 17\frac{5}{1000}, \frac{3}{16}, \frac{1}{10}, \frac{1}{4}, \frac{3}{10}, \frac{3}{8}, \frac{1}{2}, \frac{1}{2}, \frac{6}{10}, \frac{7}{10}, \frac{3}{4}, \frac{8}{10}$ or 1		
125 or less	MDV	$1\frac{1}{4}, 1\frac{1}{2}, 1\frac{9}{10}$ or 2	.42	.35
"	MDV	$2\frac{1}{2}, 2\frac{3}{10}, 3, 3\frac{1}{10}, 4, 5, 6\frac{1}{4}$ or 7	.39	.33
			.33	.29



BUSS INDICATING FUSES, $\frac{1}{4}$ x $1\frac{1}{4}$ inch



Fibre Tube. Silverplated indicating pin extends from end of fuse when fuse is blown.

This pin can also be used to actuate a signal by using fuses in BUSS HKA Fuseholders or BUSS Signal Fuse Blocks. GLD fuses in sizes larger than 5 amperes have dual tube construction. They can be used in BUSS Signal Fuse Blocks but not in HKA Fuseholders.

125 volt sizes listed by Underwriters' Laboratories Inc.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
125 or less	GLD	$\frac{3}{4}$	\$.68	\$.57
"	GLD	1, 2, 3, or 5	.53	.45
32 or less	GLD	8, 10, 12 or 15	.74	.62

GBA FUSES

GBA fuses are the same as BUSS GLD fuses EXCEPT that the indicating pin is RED. This results in a more vivid indication of an open fuse when the fuses are used in BUSS HLD fuseholders.

GBA fuses have same electrical and physical characteristics as BUSS GLD fuses. They are made in the same ampere sizes up to 5 ampere, and are also priced the same.

To specify, give symbol GBA and amperes.

Buss Fuses



FUSETRON FIBRE TUBE FUSES

1 3/32 x 1 1/2 inch



Dual-Element — Slow Blowing Type. Avoid needless blows from starting currents or surges. Have fuse link that operates only on very high overloads or short-circuits, and thermal cutout on low overloads. Thermal cutout cannot operate quickly at any load, hence long time-lag is obtained. Yet protection is provided against short-circuits or continued overloads. Test specification—carry 110%, open at 135% within 1 hour. Approximate blowing time: at 200% load 25 seconds. at 300% load 8 seconds. at 500% load 5 seconds.

125 and 250 volt sizes listed by Underwriters' Labs., Inc.			Qty.
Voltage	Symbol	Amperes	Net Ea. over \$20.00
250 or less	FNM	1/10, 1/8, 1/4, 3/10, 1/2, 3/4, 1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 4, 4 1/2, 5, 5 1/2, 6 1/4, 7, 8, 9 or 10	.48 .39 .48 .39
125 or less	FNM	12 or 15	.48 .39
32 or less	FNM	20, 25 or 30	.48 .39

SIGNAL OR VISUAL INDICATING TYPE

FNA are FNM Fusetron fuses with silverplated indicating pin that extends from fuse when fuse blows. Pin can also be used to actuate a signal by using fuse in BUSS Signal Fuse Block. Fuses in sizes larger than 10 ampere have a dual tube construction. They can be used in BUSS Signal fuse blocks but not in the HPC-C fuseholder.

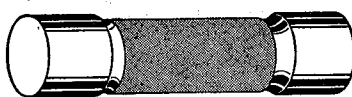
Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
250 or less	FNA	1/10, 1/8, 1/4, 3/10, 1/2, 3/4, 1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 4, 4 1/2, 5, 5 1/2, 6, 6 1/4, 7, 8, 10	.88	.74
125 or less	FNA	1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 4, 4 1/2, 5, 5 1/2, 6, 6 1/4, 7, 8, 10	.88	.74
"	FNA	12 or 15	1.00	.83
32 or less	FNA	20, 25 or 30	1.00	.83

BUSS FUSES 600 Volt. UL Listed. 1 3/32 x 1 3/8 inch.

Fibre tube. For protection of control circuits or wherever a fuse with "quick-blowing" characteristics is desirable. Listed by Underwriters' Laboratories Inc. Fuseholder for BBS fuses. Use HPC-L fuseholder or No. 3845 single pole, side barrier porcelain fuse block. Only BBS fuses (or others with exact same dimensions) will fit these holders. This assures replacement of proper size fuse.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
600 or less	BBS	1/10, 3/4 or 1	.32	.26
600 or less	BBS	1, 2, 3, 4 or 5	.29	.24

HIGH INTERRUPTING CAPACITY FUSES



1 3/32 x 1 1/2 inch

Glass fibre melamine tube with sand filler surrounding a silver fuse element. For use on circuits capable of delivering currents as high as 100,000 amperes at voltages of 600 or less. AC only.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
600 or less	KTK	1/10, 1/8, 3/10, 1/4, 3/10, 1/2, 3/4, 1, 1 1/8, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25, 30	P.O.A.	P.O.A.

BUSS HIGH VOLTAGE FUSES



HVA and HVB

HVJ and HVL

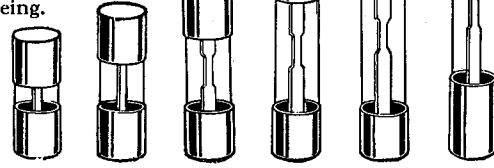
Designed for protection of circuits up to 20 KW on DC and 30 KVA on AC.

Test specification—carry 110%, open at 135% within 1 hour.

Voltage	Symbol	Amperes	Diameter of caps	Length inches	Net Ea.	Qty. over \$20.00
1000 or less	HVA	3/8, 1/2, 3/4, 1, 1 1/2, 2	1 3/32	3	.38	.32
2500 or less	HVB	3/2, 3/4, 1, 1 1/2 or 2	1 3/32	4 1/2	.53	.44
5000 or less	HVJ	1/16, 3/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/2 or 2	1 3/16	5	.95	.80
10000 or less	HVL	1/2, 3/4, 1, 1 1/2 or 2	1 3/16	10	1.92	1.60

BUSS FUSES — SFE STANDARD

All cuts actual size. Fuses of different amperages are of different lengths — to make it impossible to insert too large a size — thereby preventing over fusing.

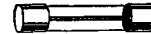


SFE 4 SFE 6 SFE 7 1/2 & SFE 9 SFE 14 SFE 20 SFE 30
Glass tube — diameter 1/4 inch. Length as per table below. Test specification—carry 110%, open at 135% within 1 hour. Listed by Underwriters' Laboratories Inc. Made according to specifications of Society of Automotive Engineers.

Voltage	Symbol & Amperes	Length inches	Pounds per 100	Net Ea.	Qty. over \$20.00
32 or less	SFE 4	5/8	.73	\$.07	\$.06
"	SFE 6	3/4	.75	.07	.06
"	SFE 7 1/2	7/8	.80	.06	.05
"	SFE 9	7/8	.80	.06	.05
"	SFE 14	1 1/16	.82	.06	.05
"	SFE 20	1 1/4	.87	.06	.05
"	SFE 30	1 7/16	1.60	.07	.06

BUSS MINIATURE GLASS TUBE FUSES

5 mm x 20 mm (.197 x .769 inches)



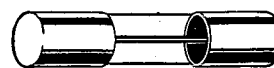
Designed for protection of miniaturized circuits or equipment. Commonly used in equipment of foreign make.

Test specifications — Carry 100% load indefinitely. Open at 200% load within 10 seconds.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
125 volts or less	GMA	1/8	\$.48	\$.41
if available fault current is not over 50 amps.	GMA	1/4, 1/2, or 7/10	.36	.30
	GMA	1, 1 1/2, 1 1/2, or 2	.30	.26
	GMA	3, 4, 5, 6, or 10	.30	.26

GJU fuses now called GMA.

BUSS GLASS TUBE FUSES



9/32 x 1 1/4 inch

Formerly called 4 AG.

Test specifications — carry 110%, open at 135% within 1 hour except 35 and 40 ampere which open at 300% in 2 to 4 seconds when tested in a standard 30 ampere test circuit.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
250 or less	AGS	1/16	\$.51	\$.44
	AGS	1/8	.36	.30
	AGS	1/4, or 1/2	.17	.14
	AGS	1, 2, 2 1/2 or 3	.17	.14
32 or less	AGS	5, 10, 15, 20, 25, 30	.14	.11
	AGS	35, 40 or 50	.17	.14

1 3/32 x 1 1/2 inch INDICATING FUSES

Has silver plated indicating pin that extends from fuse when open — gives visual indication or can actuate signal.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
250 or less	MIC	1, 2, 3, 5, 10 or 15	\$.66	\$.56
32 or less	MIC	20, 25 or 30	.66	.56

250 volt sizes listed by Underwriters' Laboratories Inc.

Fuses made in accordance with Military Specifications.

Red button on indicating pin extends from end of fuse when fuse opens.

Voltage	Symbol	Amperes	Net Ea.	Qty. over \$20.00
250 or less	MIN	1, 2, 3, 5, 10 or 15	\$.57	\$.48
125 or less	MIN	20, 25 or 30	.57	.48