

# Buss® and Fusetron® Fuses, Holders

## INDICATING FUSES



Fiber tube with silver plated indicating pin which extends when fuse is blown. May be used to actuate a signal when used in HKA fuseholder or Signal Fuse Block. Dual tube construction in sizes larger than 5 amps (cannot be used in HKA fuseholder). Voltage, 125 volts, except 8 amp and over which are 32 volts. Size, 1/4" x 1 1/4".

Buss No.	Amperes	Net Price For	
		Five	100
GLD	3/4	\$2.10	\$35.00
	1, 1 1/2, 2, 3, 4, 5	1.60	27.00
	6, 8, 10, 12, 15, 20	2.20	37.00

## LAMP-INDICATING BAYONET TYPE



Transparent bayonet knob with indicating light. Molded phenolic body brown for HKR type, black for HKL and HKL-X types. Side terminals held mechanically as well as soldered (also end terminals on HKL and HKL-X). HKR end terminals held mechanically and have 1/4" outward movement when fuse is inserted. Locking slugs available on request without extra charge, 1/4" size. Models HKL and HKL-X are for Neon Lamps, have voltage rating of 90 to 250 and are rated 220,000 Lamp resistor ohms. Model HKL-X has parallel flat-slit knob for positive finger grip. Model HKR is for use with incandescent lamps, rated 22 to 33 volts, and 330 Lamp resistor ohms. Max. amps, 20.

Buss No.	Fuse Size, Inches	Knob Color	Net Price For	
			Ten	100
HKL	1/4 x 1 1/4	Clear	\$14.30	\$120.00
HKL-X	1/4 x 1 1/4	Clear	14.30	120.00
HKR	1/4 x 1 1/4	Amber	23.50	196.00

## LAMP-INDICATING, SIGNAL-ACTIVATING TYPE

When used with GLD fuses in ratings of 3/4 to 5 amps, provides simultaneous lamp and external signal indication when the fuse blows. Extension pin of fuse, on blowing, completes a circuit through the knob to indicating lamp of holder and an external signal (to a distant lamp or an audible alarm or relay). Current provided for signaling is 28 volts, .040 ampere. Transparent amber knob. Holder body is molded brown phenolic. Designed for use on circuits where load is 125 volts. Fits panels up to 1/4" thick. Flat area on threaded section to prevent rotation, or permit use of a 1/4" locking slug in a drilled hole (slug available, free).

Buss No. HKA—Net Each.....\$ 3-13  
Lot of 10, Net..... 26-10

## IN-THE-LINE FUSEHOLDERS



Bayonet knob with metal holding ears. Center drilled contacts ready to be staked to ends of wire. Designed to take No. 18-22 wire (suffix -A) or 14-16 wire (suffix -B). Max. amps, 15.

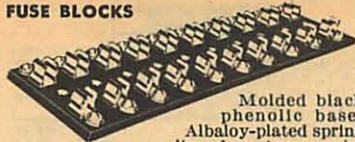
Buss No.	Fuse Size, Inches	Max. Volts	Net Price For	
			Ten	100
HHJ	1/4 x 1 1/4	250	\$1.70	\$14.00
HHI	1/4 x 1 or 1 1/4	250	1.70	14.00
HHH	1/4 x 3/8	250	1.70	14.00
HIG	1/4 x 3/8	250	1.70	14.00
HIF	1/4 x 3/8	250	1.70	14.00

## FUSEHOLDER ASSEMBLY WITH FUSE

Includes fuse and one of the standard holders listed above with 19" loop of #14 wire staked and soldered to terminals. Spring nut supplied for panel mounting.

Buss No.	Comp. Holder and Fuse Nos.	Net Price For	
		Ten	100
HRJ	HHJ w/SFE 20	\$3.50	\$29.00
HRI	HHI w/SFE 14	3.50	29.00
HRH	HHH w/SFE 9	3.50	29.00
HRG	HIG w/SFE 6	3.50	29.00
HRF	HIF w/SFE 4	3.50	29.00

## STANDARD FUSE BLOCKS



Molded black phenolic base; Albaloy-plated spring clips for strong grip, high corrosion resistance.

## SOLDER TERMINAL TYPE ON SMALL BASE

Buss No. for Fuse	No. Poles	Base Size*	Net Each
3823-1	1	1 1/2"	\$0.14
3823-2	2	1 1/2"	.28
3823-3	3	1 1/2"	.42
3823-4	4	2 1/2"	.56
3823-5	5	3 1/2"	.70
3823-6	6	3 1/2"	.84
3823-7	7	4 1/2"	.98
3823-8	8	4 1/2"	1.12
3823-9	9	5 1/2"	1.26
3823-10	10	6 1/2"	1.40
3823-11	11	6 1/2"	1.54
3823-12	12	7 1/2"	1.68

## SCREW TERMINAL TYPE ON FULL BASE

Buss No.	No. Poles	Base Size*	Net Each
3833-1	1	1 1/2"	\$0.31
3833-2	2	1 1/2"	.62
3833-3	3	2 1/2"	.93
3833-4	4	3 1/2"	1.24
3833-5	5	4 1/2"	1.55
3833-6	6	5 1/2"	1.86
3833-7	7	6 1/2"	2.17
3833-8	8	7 1/2"	2.48
3833-9	9	8 1/2"	2.79
3833-10	10	9 1/2"	3.10
3833-11	11	9 1/2"	3.41
3833-12	12	10 1/2"	3.72

\* x 1 1/4", 3823 Series; x 1 1/2", 3828 Series; x 2 1/4", 3833 Series.

## FUSETRON DUAL-ELEMENT FUSES



Long time-lag prevents useless shut-downs caused by ordinary fuses opening on starting currents or other harmless overloads, yet protects against short-circuits. On normal installations will guard motors against burnout from overloads or single phasing. U/L Listed for motor running and circuit protection up to 250 volts.

Buss No.	Amperes	Net Price For	
		Ten	100
FRN	1, 1 1/4, 1-6/10, 2, 2 1/2, 3-2/10, 4, 5, 6 1/2, 8, 10, 12, 15, 17 1/2, 20, 25, 30	\$3.30	\$33.00
FRN	35, 40, 45, 50, 60	6.40	64.00

FRN	70, 80, 90, 100	\$15.00	\$150.00
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## FUSETRON® PLUG FUSES



Time-delay fuses recommended by N.E. Code. Won't blow under motor-starting or other current surges, yet provide full protection against heavy currents or short circuits. For voltages up to 125 volts. U/L Approved.

Type "T" Amperes	Net Price For	
	Four	100
3/10, 4/10, 1/2, 6/10, 8/10, 1, 1-1/8, 1-1/4, 1-4/10, 1-6/10, 1-8/10, 2, 2-1/4, 2-1/2, 2-8/10, 3-2/10, 3-1/2, 4, 4-1/2, 5, 5-6/10, 6-1/4, 7, 8, 9, 10, 12, 14	\$0.64	\$14.00
15, 20, 25, 30	.34	7.60

## ONE-TIME FUSES



Get same care in engineering and manufacture as other Buss products. Each can be depended upon to operate as intended under all service conditions. Carry U/L label. For voltages up to 250.

Buss No.	Amperes	Net Price For	
		Ten	100
NON	1, 3, 6, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60	\$1.86	\$18.60



NON	70, 80, 90, 100	\$8.20	\$82.00
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## CLEAR WINDOW PLUG FUSES



Shockproof—insulated with porcelain-like high voltage power lines. Top cap protects fingers from shock and cuts. Always fit fuseholders. U/L Approved.

Type "W" Amperes	Net Price For	
	Five	100
1, 2, 3, 5, 6, 8, 10, 15, 20, 25, 30	\$0.36	\$6.40
	.32	5.70

## FUSTAT® FUSES AND ADAPTERS



Adapters not included with Fustat fuses, order them separately and specify size.

Fustat Fuses & Amps	Adapter	Fustat Fuses & Amps	Adapter
S 3/10	SA1*	S3-1/2	SA4
S 4/10	SA1*	S4	SA4
S 1/2	SA1*	S4-1/2	SA5
S 6/10	SA1*	S5	SA5
S 8/10	SA1*	S5-6/10	SA6-1/4
S1	SA1*	S6-1/4	SA6-1/4
S1-1/8	SA1-1/4*	S7	SA8
S1-1/4	SA1-1/4*	S8	SA8
S1-4/10	SA1-6/10*	S9	SA10*
S1-6/10	SA1-6/10*	S10	SA10*
S1-8/10	SA2	S12	SA15*
S2	SA2	S14	SA15*
S2-1/4	SA2-1/2†	S15	SA15*
S2-1/2	SA2-1/2†	S20	SA20
S2-8/10	SA3-2/10‡	S25	SA30*
S3-2/10	SA3-2/10‡	S30	SA30*

\*Adapter will also take all smaller sizes. †Adapter will also take 2, 1-8/10 sizes. ‡Adapter will also take 2 1/2, 2 1/4, 2, 1-8/10 sizes. §Adapter will also take 4, 3 1/2 sizes. ¶Adapter will also take 5, 4 1/2, 4, 3 3/4 sizes. \*Adapter will also take 8, 7 sizes. \*Adapter will also take 10, 9, 8, 7 sizes. \*Adapter will also take 20 amp size.

Fustat Fuses—3/10-14 amp size. Net 16c 15 thru 30 amp size. Net..... 13c  
Adapters—SA1 thru SA30. Net Each 11c

## OTHER STANDARD AND SPECIAL FUSES, BLOCKS AND HOLDERS

If the fuses, fuse blocks and holders shown do not fit your requirements ask for information on other types. Fuses and fuse mountings to meet JAN and Military specifications also available. If you have a special problem in protection, send description or sketch giving number of circuits, type of fuse, terminals, etc., desired. We welcome such inquiries.

# Buss® Fuses and Fusetron® Fuses

## GRASSHOPPER FUSES



Alarm activating and signal indicating. Length: 1 1/4", except 35D (1 3/4"). 35E (1 3/4").

Buss No.	Amps	Blowing Time		Net Price For	
		Amp	Sec.	Ten	100
35A*	1 1/2	2	90	\$2.30	\$19.00
35B*	1 3/4	2	90	2.30	19.00
35C*	2	3	180	2.30	19.00
35D*	1 1/2	2	90	4.60	39.00
35E*	3	4	300	2.50	21.00
35F*	3 1/2	4	9	2.30	19.00
35G*	3 3/4	4 1/2	300	2.30	19.00
35H*	5	6 1/2	300	2.30	19.00
35I†	3 1/2	3 1/2	90	3.40	28.00
35K†	1 1/2	2	180	4.60	39.00
35L†	2	3	180	4.60	39.00
35M†	3	4 1/2	300	4.10	35.00
35N†	5	6 1/2	300	4.10	35.00
35P†	3 1/2	1 1/2	90	2.90	25.00
35R†	18/100	.270	90	2.90	25.00
35S†	3 1/2	.375	90	3.40	28.00
35T*	65/100	1.1	180	3.40	28.00

Volts: \*90 or less, †160 or less. Mounting Screw: #No. 10. \*\*No. 6.

## AGS GLASS TUBE FUSES



Test specification: carry, 110%, open at 135% within 1 hour except 35 and 40 amp units which open at 300% in 2 to 4 seconds when tested in standard 30-amp test circuit. Note: These units in sizes larger than 30 amps are not recommended for use in fuse clips or fuseholders as clips will not carry the high currents.

Buss No.	Amperes	Volts	Net Price For	
			Five	100
AGS	1 1/2	250	\$1.45	\$25.00
AGS	1 3/4	250	1.00	17.00
AGS	2	250	.50	8.50
AGS	1, 2, 3, 3 1/2	250	.45	7.50
AGS	5, 10, 15, 20, 25, 30	32	.39	6.50
AGS	35, 40, 50	32	.45	7.50

## FAST ACTING FUSES



Glass tube, 1/4" x 1". Carry 100%, open at 200% in 5 seconds, 1/500 to 1/2 amp sizes have bridge construction; all others straight-through element. U/L Approved.

Buss No.	Amperes	Volts	Net Price For	
			Five	100
AGX	1/500	250	\$4.70	\$78.00
AGX	1/200	250	1.95	33.00
AGX	1/100	250	1.75	29.00
AGX	1/32	250	1.55	26.00
AGX	1/16	250	.95	16.00
AGX	1/10, 1/8, 1/4, 2/10	250	.70	12.00
AGX	1/4, 3/8, 4/10, 1/2	250	.45	7.50
AGX	1, 1 1/2, 2, 3, 4	125*	.28	4.70
AGX	5, 8, 10, 15, 20	32†	.18	3.00
AGX	25, 30	32	.21	3.50

\*1 amp, 250, †5 amps, 125.

## FAST ACTING FUSES

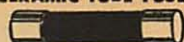
Glass tube, 1/4" x 1 1/4". Carry 110%, open at 135% in 1 hour or less, 1/500 to 2 amp sizes will open at 200% in 5 seconds or less, 1/500 to 1/32 amp have bridge construction; all others straight-through element. U/L Approved. \*Not U/L listed.

Buss No.	Amperes	Volts	Net Price For	
			Five	100
AGC	1/500	250	\$4.70	\$78.00
AGC	1/200	250	1.95	33.00
AGC	1/100	250	1.75	29.00
AGC	1/32	250	1.55	26.00
AGC	1/4, 3/8, 1/2, 15/100, 175/1000, 1/10, 2/10, 3/10, 4/10, 5/10, 6/10, 3/4, 4/5, 10/10, 1/2, 3/2	250	.45	7.50
AGC	1, 1 1/4, 1 1/2, 1 3/4, 2, 3, 4, 1-6/10, 2	250	.28	4.70
AGC	2 1/2, 3	32*	.25	4.20
AGC	4, 5, 6	32*	.36	6.00
AGC	5, 6, 7 1/2, 8, 10, 15	32*	.18	3.00
AGC	20	32*	.16	2.70
AGC	25, 30	32*	.21	3.50

## MIDGET TYPE FUSES

Buss No.	Amperes	Volts	Net Price For
BAF	1, 3, 5, 6, 10	250	\$0.47 \$7.90
BAF	15, 20, 25, 30	125	.47 7.90

## CERAMIC TUBE FUSES



High interrupting capacity for use on circuit delivering as high as 25,000 amps at 125 v., or 10,000 amps at 250 v. 1/4" x 1 1/4". Carry 110%, open at 135% in 1 hour. Up to 15 amp size U/L Approved.

Buss No.	Amperes	Volts	Net Price For	
			Five	100
ABC	1/4	250	\$0.65	\$11.00
ABC	1, 2, 3	250	.60	10.00
ABC	5, 6, 8, 10	250	.55	9.50
ABC	12, 15, 20	250	.60	10.00
ABC	25, 30	125	.70	12.00

## FUSETRON® GLASS TUBE FUSES



Dual-element slow-blowing type, 1/4" x 1 1/4". Fuse link operates only on very high overloads or short-circuits; thermal cutout functions on low overloads (cannot operate quickly on any load, thus providing long time-lag). Carry 110%, open at 135% in 1 hour. MDL 1/100 to 2-8/10 amp and MDX 3 to 7 amp sizes U/L Approved. MDL type has longer time-lag than MDX type.

Buss No.	Amperes	Volts	Net Price For	
			Five	100
MDL	1/100, 1/50	250	\$1.30	\$22.00
MDL	1/4, 1/10, 1/8, 15/100, 175/1000, 3/8, 2/10, 1/2, 4/10, 3/4, 4/10, 5/8, 6/10, 7/8, 6/10, 7/10, 3/4, 8/10, 1	250	.95	16.00
MDX	1 1/2, 1 3/4, 1-6/10, 2	250	1.05	18.00
MDL	1-2/10, 1 1/4, 1 1/2, 1-6/10, 2	125	.90	15.00
MDL	2 1/2, 2-8/10	125	.70	12.00
MDX	3, 3-2/10, 4, 5	125	.70	12.00
MDX	6 1/2, 7	125	.80	14.00
MDL	2 1/2, 2-8/10, 3, 3-2/10, 4, 5, 6 1/2, 8, 10, 15, 20, 25, 30	32	.70	12.00

## FUSETRON® FIBER TUBE FUSES



Dual-element slow-blowing type, 1 1/4" x 1 1/4" overall. Fuse link operates only on very high overloads or short circuits; thermal cutout functions on low overloads (cannot operate quickly on any overload, thus providing longer time lag). Carry 110%, open at 135% in 1 hour. 125 and 250 volt sizes U/L Approved.

Buss No.	Amperes	Volts	Net Price For	
			Ten	100
FNM	1/10, 15/100, 2/10, 3/10, 4/10, 1/2, 6/10, 8/10, 1, 1 1/4, 1 1/2, 1-4/10, 1-6/10, 1-8/10, 1-8/10, 2, 2 1/2, 2 1/2, 2-8/10, 3-2/10, 4, 5, 5-6/10, 6 1/2, 7, 8, 9, 10	250	\$2.70	\$23.00
FNM	12, 15	125	2.70	23.00
FNM	20, 25, 30	32	2.70	23.00

## GLASS TUBE FUSES

Glass tube, 1/4" x 3/8". Carry 110%, open at 135% in 1 hour.

Buss No.	Amperes	Volts	Net Price For	
			Five	100
AGA	1, 1 1/4, 2, 2 1/2	32	\$0.56	\$4.70
AGA	3	32	.50	4.20
AGA	5, 6, 7 1/2, 10, 15, 20	32	.42	3.50
AGA	25, 30	32	.42	3.50

## SFE STANDARD FUSES

Different ampereages are different lengths, making it impossible to over-fuse. Glass tube, 1/4" dia. Carry 110%, open at 135% in 1 hour. Made to SAE specifications and U/L Approved. 32 volts or less.

Buss No.	Amperes	Lgth. In.	Net Price For	
			Five	100
SFE	4	3/8	\$0.21	\$3.50
SFE	6	3/8	.21	3.50
SFE	7 1/2	3/8	.18	3.00
SFE	9	3/8	.18	3.00
SFE	14	1 1/4	.15	2.50
SFE	20	1 1/4	.15	2.50
SFE	30	1 1/4	.21	3.50

## FUSETRON® PIG-TAIL FUSES



Body 1/4" x 1 1/4", #20 tinned leads, 1 1/4", 1/100 to 2-8/10 same as MDL type; 3 to 7 amp sizes same as MDX type. U/L Approved.

Buss No.	Amperes	Volts	Net Price For	
			Five	100
MDV	1/100, 1/50	250	\$1.60	\$27.00
MDV	1/10, 1/8, 175/1000, 1/5, 2/10, 3/4, 3/10, 3/8, 4/10, 1/2, 6/10, 3/4, 8/10, 1	250	1.15	20.00
MDV	1 1/4, 1 1/2, 1-6/10, 2	125	1.10	19.00
MDV	2 1/2, 2-8/10, 3, 3-2/10, 4, 5, 6 1/2, 7	125	.95	16.00

## PIG-TAIL FUSES

Glass tube 1/4" x 1 1/4" with 1 1/4" leads of #20 tinned wire. Carry 110%, open 135% in 1 hour. 250 v. U/L Approved.

Buss No.	Amperes	Net Price For	
		Five	100
GJV	1/4	\$1.20	\$20.00
GJV	3/8	.90	15.00
GJV	1/2, 3/10, 3/8, 1/2, 3/4	.70	12.00
GJV	1, 1 1/4, 2, 3	.55	9.00
GJV	4, 5, 6	.55	9.50

## TYPE C AND N FUSES, HOLDERS



Matched glass fuses and fuseholders for specific size ranges. Type N fuses are dual-element time-delay or slow-blowing type, 0 to 1 1/4 amp sizes, 1/4" x 1 1/4"; 1-3/10 to 7 amp sizes, 1/2" x 1 1/4". Type C fuses are single-element quick-blowing type, 0 to 3 1/2 amp sizes, 1/4" x 1 1/4"; 3-6/10 to 10 amp sizes, 1/4" x 1 1/4". Holders rated at 250 volts.

## TYPE N FUSES

Amperes	Holder No. HN-	Volts	Net Price For	
			Five	100
1/100, 1/50	0	250	\$1.40	\$23.00
1/10, 1/8, 15/100, 1/5, 2/10, 3/4, 3/10	0 to 3/10	250	1.00	17.00
4/10	3/10 to 1/2	250	1.00	17.00
1/2	3/10 to 1/2	250	1.00	17.00
6/10	1/2 to 3/4	250	1.00	17.00
7/10, 3/4	1/2 to 3/4	250	1.00	17.00
8/10, 1	3/4 to 1 1/4	250	.90	15.00
1 1/4	1-3/10 to 1/2	125	.90	15.00
1 1/2	1 1/4	125	.90	15.00
2	1 1/4 to 2 1/2	125	.90	15.00
2 1/2	1 1/4 to 2 1/2	125	.85	14.00
2-8/10	2 1/2 to 3 1/2	125	.85	14.00
3-2/10	2 1/2 to 3 1/2	125	.85	14.00
4	3 1/2 to 5	125	.85	14.00
5	3 1/2 to 5	125	.85	14.00
6 1/2	5 to 7	125	.85	14.00
7	5 to 7	125	.85	14.00

## TYPE C FUSES

Amperes	Holder No. HC-	Volts	Net Price For	
			Five	100
1/4	0 to 3/10	250	\$1.45	\$25.00
3/8	0 to 3/10	250	.95	16.00
1/2, 3/4	0 to 3/10	250	.70	12.00
3/10	0 to 3/10	250	.55	9.50
3/8	0 to 3/10	250	.55	9.50
1/2	3/10 to 1/2	250	.55	9.50
3/4	3/10 to 1/2	250	.55	9.50
1 1/4	1/2 to 3/4	250	.55	9.50
1 1/2	1/2 to 3/4	250	.55	9.50
1 3/4	3/4 to 1 1/4	250	.55	9.50
2	3/4 to 1 1/4	250	.55	9.50
2 1/2	1 1/4 to 2 1/2	250	.55	9.50
3	1 1/4 to 2 1/2	250	.55	9.50
3 1/2	2 1/2 to 3 1/2	250	.42	7.00
4	2 1/2 to 3 1/2	250	.42	7.00
5	3-6/10 to 5	250	.42	7.00
6	3-6/10 to 5	250	.42	7.00
7	5 to 7	250	.42	7.00
8	5 to 7	250	.42	7.00
10	7 to 10	250	.60	10.00
	7 to 10	250	.65	11.00

All Type HC and Type HN Fuseholders - sizes (specify). Net for 10... \$ 1.40  
Net for 100... 12.00

# Buss and Fusetron® Fuses, Holders

## SERIES HLD PANEL-MOUNTING VISUAL INDICATING FUSEHOLDER



For  $\frac{1}{4}$ " x  $1\frac{1}{4}$ " GBA fuse. Transparent knob permits bright red dot to be seen readily if fuse is open. Knob grips fuse tightly; when removed, pulls fuse from holder. Knob also interchangeable with that of HKP fuseholder for easy conversion. Supplied with washer and nut. Locking keys available without charge;  $\frac{1}{4}$ " lg. for panels up to  $\frac{1}{2}$ " thick;  $\frac{1}{2}$ " lg. for thicker panels. Specify length desired.

Buss No.	Description	Net Price For	
		Ten	100
HLD	Complete holder	\$4.00	\$33.00
HLD	Knob only No. 5487	1.70	14.00

## VISUAL INDICATING FUSE



For use with HLD fuseholder. Bright red dot on indicating pin extends from end of fuse when fuse is open even after power is off. Rated 125 v. or less, carries 110%, opens at 135% in 1 hour or less. Only  $\frac{1}{4}$ " x  $1\frac{1}{4}$ ".

Buss No.	Amperes	Net Price For	
		Five	100
GBA	$\frac{3}{4}$	\$2.10	\$35.00
GBA	1, 1 $\frac{1}{2}$ , 2, 3, 4, 5	1.60	27.00

## PANEL MOUNTED FUSEHOLDERS BAYONET KNOB TYPE



Side terminal held with solder and mechanically. Knob grips fuse tightly; pulls it from holder when knob is removed. Terminals designed to withstand severe service. Molded black phenolic body with flat spot for lock against rotation when used in punched hole; permits use of locking key in drilled holes. May be used in panels up to  $\frac{1}{2}$ " thick. Locking keys available; specify  $\frac{1}{4}$ " or  $\frac{1}{2}$ " length. U/L Approved.

Buss No.	For Fuse Size, In.	Amps	Volts	Net Price For	
				Ten	100
HJM	$\frac{1}{4}$ x 1	5	125	\$3.50	\$29.00
HKP	$\frac{1}{4}$ x $1\frac{1}{4}$	15	250	3.50	29.00

## GBB LIMITRON FUSES



For protecting solid state devices. Extra fast on overloads or fault currents, yet hold max. peak voltage, during interruption to well below PIV of diode being protected. Ceramic tube  $\frac{1}{4}$ " x  $1\frac{1}{4}$ ". All ratings carry 100%, and open within 1 sec. at 250%; units to 10 amps also open in 0.01 sec. at 400%. Voltage: Rated 130 v. or less for 1, 1 $\frac{1}{2}$ , 2, 3, 5, 6, 7, 8, 9 or 10 amps. Rated 65 v. or less for 12, 15, 20, 25 or 30 amps. Specify which amperage when ordering. All Values Above—Net Ea., 15 or less. 45c Net Each, 16 Up.....

## HIGH VOLTAGE FUSES



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

Buss No.	Amperes	V.	Net Price For	
			Ten	100
HVA	$\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1 $\frac{1}{2}$ , 2	1000	\$2.30	\$19.00
HVB	$\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1 $\frac{1}{2}$ , 2	2500	3.00	25.00
HVJ	$\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1 $\frac{1}{2}$ , 2	5000	5.60	47.00
HVL	$\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, 1 $\frac{1}{2}$ , 2	10K	11.20	94.00

## HIGH INTERRUPTING CAPACITY FUSES



Type KTK—For use on circuits as high as 100,000 amps at 600 volts or less. AC only. Glass fiber melamine tubes and sand filler surrounding a silver fuse element. Amperes: 1/10,  $\frac{1}{8}$ , 2/10,  $\frac{1}{4}$ , 3/10,  $\frac{1}{2}$ , 3/4, 1, 1 $\frac{1}{2}$ , 2, 3, 4, 5, 6, 8, 10, 15, 20, 25 or 30. Lot of 10, Net \$8.90 Lot of 100, Net \$80.00

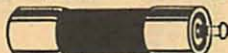
## INDICATING FUSETRON® FUSES



Similar to FNM types. Indicating pin extends from fuse when fuse blows. Use in signal fuse block or HPC-C fuseholder (larger than 10 amps units cannot be used in HPC-C). U/L Approved in 0-15 amp sizes.

Buss No.	Amperes	Net Price For	
		Ten	100
FNA	1/10, 15/100, 2/10, 3/10, 4/10, $\frac{1}{2}$ , 6/10, 8/10, 1, 1 $\frac{1}{2}$ , 1 $\frac{1}{4}$ , 1-4/10, 1-6/10, 1-8/10, 2, 2 $\frac{1}{2}$ , 2 $\frac{1}{2}$ , 2-8/10, 3, 3-2/10, 3 $\frac{1}{2}$ , 4, 4 $\frac{1}{2}$ , 5, 5-6/10, 6, 6 $\frac{1}{2}$ , 7, 8, 10	\$5.30	\$44.00
	12, 15, 20, 25, 30	5.80	48.00

## INDICATING, LAMINATED TUBE FUSES



Red button on indicating pin extends from end of fuse when fuse is blown. Units are built in accordance with Navy Specifications. These units may be used in Buss HPC-C fuseholders. Voltage, (1-15 amps), 250, others, 125 v.

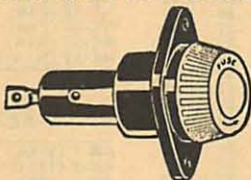
Buss No.	Amperes	Net Price For	
		Ten	100
MIN	1, 2, 3, 5, 10, 15, 20, 25, 30	\$3.40	\$28.00

## SIGNAL OR VISUAL INDICATING FUSES

MIC fuses have silver-plated indicating pin. Pin may be used as visual indicator or may be used to actuate a signal. MIJ fuses are similar to MIC types except they have been specially designed for complex circuitry as in computers. Voltage, 250 except 20 amps and over which are 32 v.

Buss No.	Amperes	Net Price For	
		Ten	100
MIC	1, 2, 3, 5, 10, 15, 20, 25, 30	\$3.90	\$33.00
MIJ	1, 2, 3, 5, 10, 15, 20, 25, 30	4.30	36.00

## SCREW-IN KNOB TYPE FUSEHOLDERS



Attaches to panel with screws or rivets; mounts with flange on front side of panel of any thickness; with flange on rear side, panel up to  $\frac{1}{2}$ " thick. Molded black phenolic body with soldered and mechanically held side terminal. Type HPC U/L Approved for 15 amps 250 volts. Type HPC-L U/L Approved for 5 a., 600 v.

Buss No.	For Fuses	Fuse Size, In.	Net Price For	
			Ten	100
HPC	AGU, ABU, BAF, BAN, FNM, MDR, KLM	$1\frac{1}{2}$ x $1\frac{1}{2}$	\$5.30	\$45.00
HPC-L	MBS	$1\frac{1}{2}$ x $1\frac{1}{2}$	5.30	45.00
HPC-C	MIN, MIC, FNA	$1\frac{1}{2}$ x $1\frac{1}{2}$	6.70	56.00

\*Same as HPC but with transparent knob.

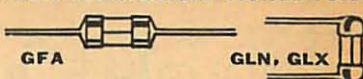
## "QUICK-BLOWING" 600 V. FUSES



Designed to protect control circuits, fluorescent lighting circuits or similar uses where quick-blowing characteristics are desired. Use HPC-L fuseholder or 3845 fuse block. U/L Approved. Fiber tube  $1\frac{1}{2}$ " x  $1\frac{1}{2}$ ".

Buss No.	Amperes	Net Price For	
		Ten	100
BBS	4/10, $\frac{3}{4}$ , 8/10	\$1.80	\$15.00
	1, 2, 3, 4, 5	1.70	14.00

## TRON SUBMINIATURE PIGTAIL FUSES



Glass-tube construction with  $1\frac{1}{2}$ " leads of #24 tinned copper for 1/100-5 amp ratings, #18 tinned copper for 7-15 amp ratings. Hermetically sealed. Color coded to indicate amp ratings. For circuits with fault current of 50 amps or less (1/100-5 amps for 125 v. or less, 7-15 amps for 32 v. or less). GLN, GLX body size, .140" x .3"; GFA body size, .145" x .3".

Buss No.	Amperes	Net Price For	
		Ten	100
GLN	1/100	\$11.00	\$92.00
GLN	1/32, 1/20, 1/16, 1/10, 1/8, 3/10, 4/10, 7, 8, 15	9.30	78.00
GLX	15/100, 2/10, 1/4, 1/2, 6/10, 3/4, 1, 1 $\frac{1}{2}$ , 2, 3, 4, 5	12.20	102.00
GFA	1/100, 1/32, 1/20, 1/16, 1/10, 1/8, 15/100, 2/10, 1/4, 3/10, 4/10, 1/2, 6/10	4.00	34.00
GFA	3/4, 1, 1 $\frac{1}{2}$ , 2, 3, 4, 5, 7, 8, 15	3.50	29.00

## SPACE SAVER

### PANEL MOUNTED FUSEHOLDERS



Length  $1\frac{3}{8}$ "; extends  $\frac{3}{8}$ " behind front of panel. Takes  $\frac{1}{4}$ " x  $1\frac{1}{4}$ " fuses. Easily converts to take  $\frac{1}{4}$ " x  $1\frac{1}{4}$ " fuses by changing screw type knob. Flat part of molded phenolic body locks fuseholder against rotation when used on punched hole. Requires  $\frac{3}{8}$ " mounting hole.

Buss No.	For Fuse Size Dia. x L.	Net Each
HCL	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	.30
HMB*	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	.36
HMM*	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	.36

\*Requires  $\frac{1}{2}$ " mounting hole; HMM has screwdriver slot knob.

## SUBMINIATURE PRONG TYPE UNIT



Rated 125 v. or less, faulty current not over 300 amps; open at 200% within 10 sec. or less. Use AF knob for waterproof. Size, .27" dia.,  $\frac{1}{4}$ " lg. (body).

Buss No.	Amperes	Net Price For	
		Ten	100
GMW	1/200, 1/100, $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{1}{2}$	\$6.70	\$56.00
GMW	1/10, 2/10, $\frac{1}{4}$ , 3/10, 4/10, $\frac{1}{2}$ , 6/10, $\frac{3}{4}$ , 1, 1 $\frac{1}{2}$ , 2, 3, 4, 5	5.20	43.00
HWA†	Holder, fits all GMW	6.50	55.00
HWA†	Holder, fits all GMW	5.60	47.00
AF	Knob only, fits HWA	.78	6.50

\*With AF knob. †Without AF knob.

## SIGNAL-INDICATING ALARM ACTIVATING TYPE UNIT



Takes only  $\frac{1}{4}$ " x  $1\frac{1}{2}$ " space. Color indicator. Rated 300 v. or less; 100% for 10 min.; open at 150% within 5 min.

Buss No.	Amperes and Color of Indicator	Net Price For	
		Ten	100
GMT	18/100*, $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{1}{2}$ , 65/100*, $\frac{3}{4}$ , 1, 1 $\frac{1}{2}$ , 2, 3, 4, 5, 7 $\frac{1}{2}$ , 10**	\$4.00	\$33.00
HLT	Holder, fits all GMT	4.10	35.00

Color of Indicator: \*Yellow; †violet; ‡red; §black; ¶brown; †gray; †white; †orange; †blue; †green; †black-white; \*\*red-white.