FUSEHOLDERS
SHOCK-SAFE TYPE

For 3AG or 5x20mm Fuses

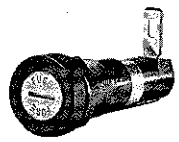
A complete family of fuseholders designed to international specifications. Shock-safe design eliminates any possibility of electrical shock, per IEC Standards 257 and 65. Knobs are available for use with 3AG (1/4" x 1-1/4") fuses or 5 x 20mm fuses.

APPROVALS: Recognized under the Components Program of Underwriters Laboratories and Certified by CSA (20A, 300V).
SEMKO approved (6.3A, 250V).
VDE approved (10A, 250V).

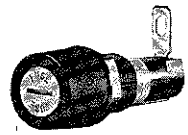
SPECIFICATIONS:
Electrical: Rating: See APPROVALS.
Insulation Resistance: 10,000 megohm minimum at 500 VDC.
Contact Resistance: Less than .005 ohms average at currents up to 1 ampere.
Dielectric Strength: 4000 volts minimum.
Mounting: Threaded styles withstand 15 lb.-in. mounting torque. Maximum panel thickness is 0.31".
Molded Parts: Body Material: Black glass-filled thermoplastic.
Knob Material: Grey or black glass-filled thermoplastic.
Hex Nut Material: Glass-filled thermoplastic.
Knob: Finger-grip fuse extractor type or screwdriver slot fuse extractor type with nickel-plated copper alloy insert. Spring loaded, bayonet style.
Terminals: Brass. Tin-plated. Accept solder or .187" female connector.
Ambient Temperature: −40°C to +85°C.
Vibration: 10—500 Hz .03" constant amplitude or 10 G's constant acceleration.
Hardware: Plastic hex nut, unassembled (threaded styles). Steel retainer, black oxide finish, unassembled (fast-mount styles).

PATENTS: Pending.

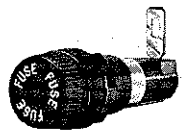
FRONT PANEL, LOW PROFILE



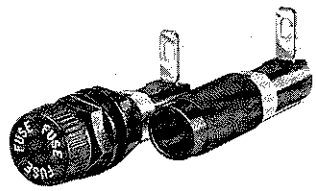
FRONT PANEL, HIGH PROFILE



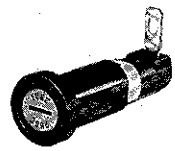
FRONT PANEL



REAR PANEL



LOW PROFILE, FAST MOUNT



SHOCK-SAFE FUSEHOLDER SELECTOR GUIDE

CATALOG NUMBER									
1/4"x1-1/4" (3AG)	5x20mm	KNOB TYPE	LOW PROFILE	HIGH PROFILE	FRONT MOUNT	REAR MOUNT	P.C. BOARD MOUNT	RT. ANGLE TERMINAL	STRAIGHT TERMINAL
345 601	345 621	Screwdriver Slot	X		X			X	
345 602	345 622	Screwdriver Slot		X	X			X	
345 603	345 623	Finger Grip		X	X			X	
345 611	345 631	Screwdriver Slot	X		X				X
345 612	345 632	Screwdriver Slot		X	X				X
345 613	345 633	Finger Grip		X	X				X
345 701*	345 721*	Screwdriver Slot	X		X†			X	
345 711*	345 731*	Screwdriver Slot	X		X†				X
345 903*	345 923*	Finger Grip		X		X		X	
345 913*	345 933*	Finger Grip		X		X			X
345 101•	345 121•	Screwdriver Slot	X				X•		

*SEMKO and VDE approvals pending. †Mounted with retainer ring. •See page 26 for P.C. Board Style.
To order bodies and knobs separately, see next page.

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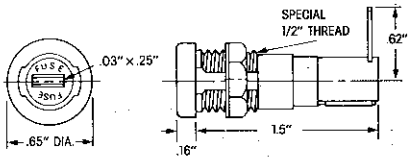
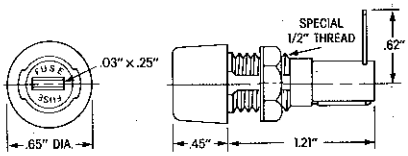


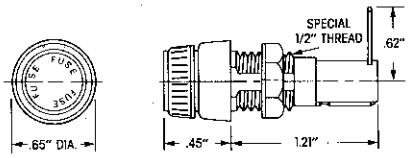
CATALOG NUMBER		RT. ANGLE BOTTOM TERM.	STRAIGHT BOTTOM TERM.
1/4"x1-1/4" FUSES	5x20mm FUSES		
345 601	**345** 621	X	
345 611	**345** 631		X

Body and Nut only: **345** 601-010 (Rt. Angle); **345** 611-010 (Straight).
Knob only: **345** 601-020 (1/4" x 1-1/4"); **345** 621-020 (5 x 20mm).



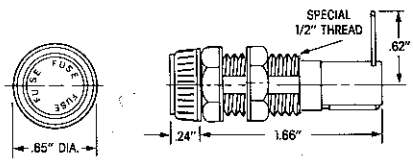
CATALOG NUMBER		RT. ANGLE BOTTOM TERM.	STRAIGHT BOTTOM TERM.
1/4"x1-1/4" FUSES	5x20mm FUSES		
345 602	**345** 622	X	
345 612	**345** 632		X

Body and Nut only: **345** 602-010 (Rt. Angle); **345** 612-010 (Straight).
Knob only: **345** 601-020 (1/4" x 1-1/4"); **345** 621-020 (5 x 20mm).



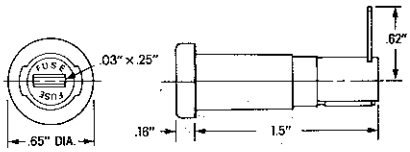
CATALOG NUMBER		RT. ANGLE BOTTOM TERM.	STRAIGHT BOTTOM TERM.
1/4"x1-1/4" FUSES	5x20mm FUSES		
345 603	**345** 623	X	
345 613	**345** 633		X

Body and Nut only: **345** 603-010 (Rt. Angle); **345** 613-010 (Straight).
Knob only: **345** 603-020 (1/4" x 1-1/4"); **345** 623-020 (5 x 20mm).



CATALOG NUMBER		RT. ANGLE BOTTOM TERM.	STRAIGHT BOTTOM TERM.
1/4"x1-1/4" FUSES	5x20mm FUSES		
345 903	**345** 923	X	
345 913	**345** 933		X

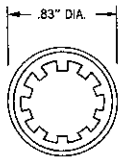
Body and Nuts (2) only: **345** 903-010 (Rt. Angle); **345** 913-010 (Straight).
Knob only: **345** 603-020 (1/4" x 1-1/4"); **345** 623-020 (5 x 20mm).



CATALOG NUMBER		RT. ANGLE BOTTOM TERM.	STRAIGHT BOTTOM TERM.
1/4"x1-1/4" FUSES	5x20mm FUSES		
345 701	**345** 721	X	
345 711	**345** 731		X

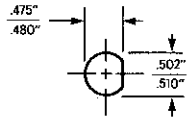
Body and Retaining Ring only: **345** 701-010 (Rt. Angle); **345** 711-010 (Straight).
Knob only: **345** 601-020 (1/4" x 1-1/4"); **345** 621-020 (5 x 20mm).

"Push-On" Type Retaining Ring

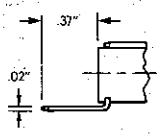


NOTE: Knobs are color-coded. On screwdriver slot type, knobs are grey for 1/4" x 1-1/4" fuses, black for 5 x 20mm fuses. On finger grip type, the lettering on knobs for 1/4" x 1-1/4" fuses are filled with grey paint.

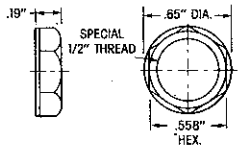
Suggested Mounting Hole



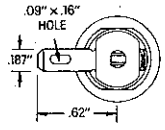
Straight Bottom Terminal



Plastic Hex Nut with Flange



Right Angle Bottom Terminal



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Littelfuse:

03450601ZX010 03450623HX020 03450632X 03450613H 03453HS2ZX010 03450612X 03450903X 03450101X 03450701ZX010 03453QS7ZX010 03453HS1ZX010 03453LF3ZX010 03450603HX020 03450612ZX010 03450101HX010 03450913X 03450933X 03453QS8ZX010 03450923X 03453HS3ZX010 03450711ZX010 03450913H 03450612H 03450621H 03450623X 03450101HX020 03450613ZX010 03450711X 03453QS3ZX010 03450611H 03453RF8ZX010 03450121X 03450913ZX010 03450613X 03450631X 03450633H 03450711H 03450602ZX010 03450603H 03450611X 03450603X 03453QS1ZX010 03453QS4ZX010 03450121HX020 03453HS7ZX010 03453LF2ZX010 03450601X 03450611ZX010 03453RF7ZX010 03450622X 03453RF2ZX010 03450923H 03453HS8ZX010 03450602H 03453QS2ZX010 03450933H 03453RF3ZX010 03450623H 03450101H 03453RF1ZX010 03450601HX020 03450631H 03450633X 03450601H 03450622H 03453LF7ZX010 03453RF4ZX010 03450121H 03450621X 03450701H 03450903H 03453LF8ZX010 03450701X 03450903ZX010 03453HS4ZX010 03450621HX020 03453LF1ZX010 03450632H 03450603HX040 03450613HX040 03450101HXB