

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.

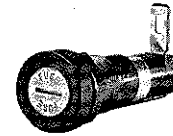
Ambient Temperature: -40°C to +85°C.

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



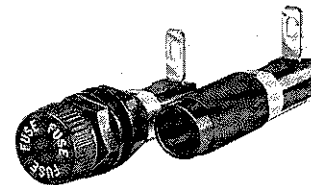
FRONT PANEL, HIGH PROFILE



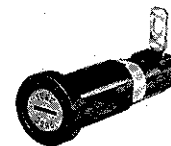
FRONT PANEL



REAR PANEL



LOW PROFILE, FAST MOUNT



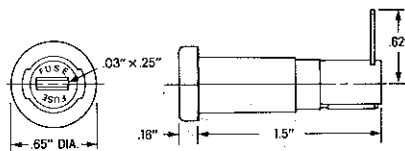
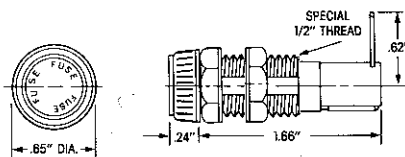
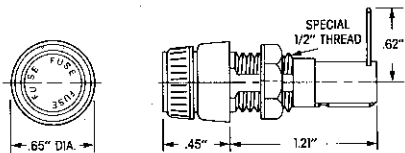
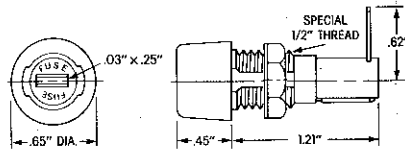
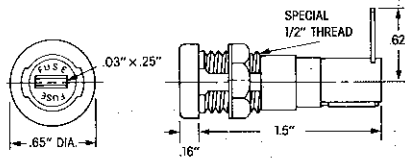
SHOCK-SAFE FUSEHOLDER SELECTOR GUIDE

| CATALOG NUMBER | | KNOB TYPE | LOW PROFILE | HIGH PROFILE | FRONT MOUNT | REAR MOUNT | P.C. BOARD MOUNT | RT. ANGLE TERMINAL | STRAIGHT TERMINAL |
|---------------------|----------|------------------|-------------|--------------|-------------|------------|------------------|--------------------|-------------------|
| 1/4" x 1-1/4" (3AG) | 5 x 20mm | | | | | | | | |
| 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.

FUSEHOLDERS SHOCK-SAFE TYPE

For 3AG or 5x20mm Fuses



| CATALOG NUMBER | | RT. ANGLE BOTTOM TERM. | STRAIGHT BOTTOM TERM. |
|------------------------|-------------------|------------------------------|-----------------------------|
| 1/4" x 1-1/4" FUSES | 5 x 20mm 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" x 1-1/4" FUSES | 5 x 20mm 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: 345 602-020 (1/4" x 1-1/4"); 345 622-020 (5 x 20mm).

| CATALOG NUMBER | | RT. ANGLE BOTTOM TERM. | STRAIGHT BOTTOM TERM. |
|------------------------|-------------------|------------------------------|-----------------------------|
| 1/4" x 1-1/4" FUSES | 5 x 20mm 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).

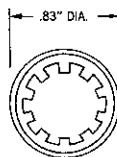
| CATALOG NUMBER | | RT. ANGLE BOTTOM TERM. | STRAIGHT BOTTOM TERM. |
|------------------------|-------------------|------------------------------|-----------------------------|
| 1/4" x 1-1/4" FUSES | 5 x 20mm FUSES | | |
| 345 903 | 345 923 | X | |
| 345 913 | 345 933 | | X |

Body and Nuts (2) only: 345 903-010 (Rt. Angle); 345 913-010 (Straight).
Knob only: 345 903-020 (1/4" x 1-1/4"); 345 923-020 (5 x 20mm).

| CATALOG NUMBER | | RT. ANGLE BOTTOM TERM. | STRAIGHT BOTTOM TERM. |
|------------------------|-------------------|------------------------------|-----------------------------|
| 1/4" x 1-1/4" FUSES | 5 x 20mm FUSES | | |
| 345 701 | 345 721 | X | |
| 345 711 | 345 731 | | X |

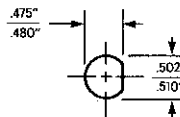
Body and Retaining Ring only: 345 701-010 (Rt. Angle); 345 711-010 (Straight).
Knob only: 345 701-020 (1/4" x 1-1/4"); 345 721-020 (5 x 20mm).

"Push-On" Type Retaining Ring

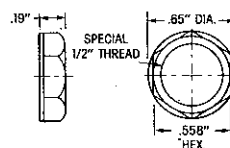


NOTE: Knobs are color-coded. On screwdriver slot type, knobs are grey for 1/4" x 1-1/4" fuses, black for 5 x 20mm fuses. On finger grip type, the lettering on knobs for 1/4" x 1-1/4" fuses are filled with grey paint.

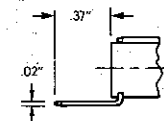
Suggested Mounting Hole



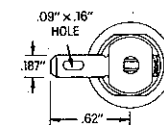
Plastic Hex Nut with Flange



Straight Bottom Terminal



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](#)
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[03450602ZX010](#) [03450603H](#) [03450611X](#) [03450603X](#) [03453QS1ZX010](#) [03453QS4ZX010](#) [03450121HX020](#)
[03453HS7ZX010](#) [03453LF2ZX010](#) [03450601X](#) [03450611ZX010](#) [03453RF7ZX010](#) [03450622X](#) [03453RF2ZX010](#)
[03450923H](#) [03453HS8ZX010](#) [03450602H](#) [03453QS2ZX010](#) [03450933H](#) [03453RF3ZX010](#) [03450623H](#) [03450101H](#)
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[03453RF4ZX010](#) [03450121H](#) [03450621X](#) [03450701H](#) [03450903H](#) [03453LF8ZX010](#) [03450701X](#) [03450903ZX010](#)
[03453HS4ZX010](#) [03450621HX020](#) [03453LF1ZX010](#) [03450632H](#) [03450603HX040](#) [03450613HX040](#)