






345 HV Series Panel Mount Enclosed Fuse Holders



| Agency Approval | | | |
|---|--------------------|-----------|-----------|
| Agency | Agency File Number | 3AG/AB | 5x20mm |
|  | E14721 | 20A, 600V | 20A, 600V |
|  | 7316 | 20A, 600V | 20A, 600V |

| Product Characteristics | |
|----------------------------|---|
| Compatible Fuses | For 3AB/3AG, 5x20mm Fuses |
| Description | Designed to eliminate the possibility of electrical shock, as defined in IEC standards 60127-6. The universal fuseholder body will accept 3AB, 3AG, and 5 x 20mm fuse sizes. |
| Electrical | Insulation Resistance: 10,000 megohm minimum at 500 VDC. Contact Resistance: Less than .005 ohm average at currents up to 1 ampere. Dielectric Strength: 4,000 volts minimum. |
| Mounting | Threaded styles withstand 15 in.-lb. mounting torque. Low profile and High profile panel thickness: .032" min./ .310" max. |
| Molded Parts | Body Material: Black glass-filled thermoplastic (UL 94V0). |
| Knob Material | Grey or black glass-filled thermoplastic (UL94 V-0) Hex Nut Material: Black glass-filled thermoplastic. |
| Knob | Fuse Extractor type with plated copper alloy insert. Plated copper alloy contact clips. Spring loaded, locking mechanism provides an anti-tease feature and will not vibrate loose. |
| Terminals | Plated cooper alloy, A-187; dual purpose terminal accepts wire for soldering or a Quick-Connect receptacle. |
| Ambient Temperature | -40°C to +85°C. |
| Hardware | Threaded style fuseholders are supplied with a thermoplastic hex nut unassembled. |

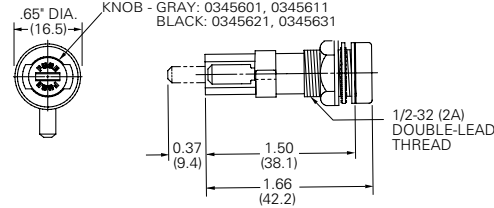
* Please refer to Fuseology section for information on proper fuseholder re-rating.

| Additional Information | | |
|---|--|--|
|  Datasheet |  Resources |  Samples |

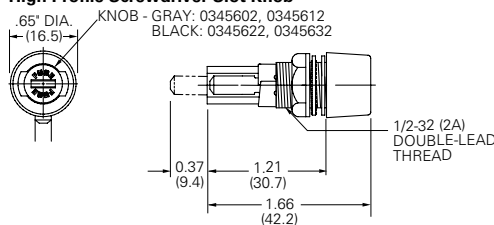
345 HV Series Panel Mount Enclosed Fuse Holders

Dimensions

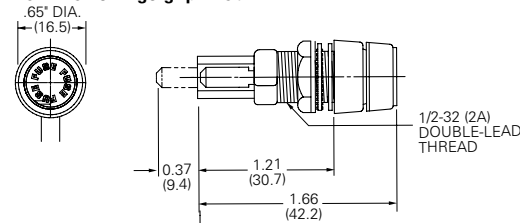
Low Profile Screwdriver Slot Knob



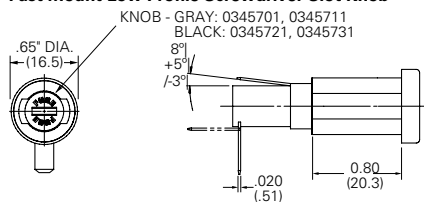
High Profile Screwdriver Slot Knob



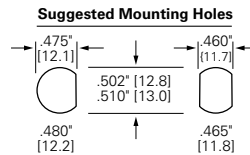
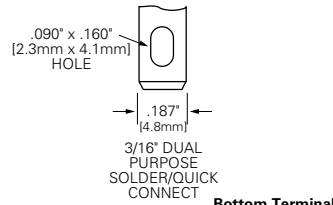
Low Profile Fingergrip Knob



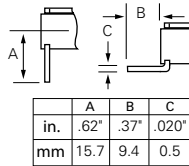
Fast Mount Low Profile Screwdriver Slot Knob



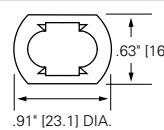
Terminal Styles



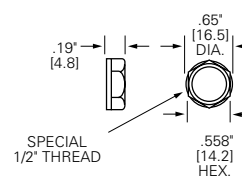
Bottom Terminal



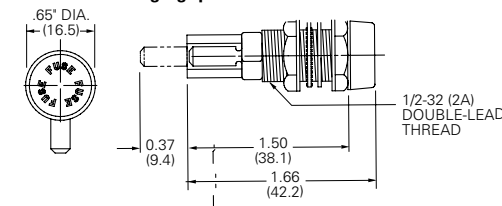
"Push-On" Type Retaining Nut for Quick Mount Fuseholder



Plastic Hex Nut with Flange



Rear Mount Fingergrip Knob



Part Numbering System

| Part Number | | Knob Type | Low Profile | High Profile | Front Mount | Rear Mount | Rt. Angle Terminal | Straight Terminal | Packing |
|-------------|-----------|------------------|-------------|--------------|-------------|------------|--------------------|-------------------|-------------------|
| (3AG/AB) | 5x20mm | | | | | | | | |
| 03450601H | 03450621H | Screwdriver Slot | X | | X | | X | | Bulk (100 pieces) |
| 03450602H | 03450622H | Screwdriver Slot | | X | X | | X | | Bulk (100 pieces) |
| 03450603H | 03450623H | Finger Grip | | X | X | | X | | Bulk (100 pieces) |
| 03450611H | 03450631H | Screwdriver Slot | X | | X | | | X | Bulk (100 pieces) |
| 03450612H | 03450632H | Screwdriver Slot | | X | X | | | X | Bulk (100 pieces) |
| 03450613H | 03450633H | Finger Grip | | X | X | | | X | Bulk (100 pieces) |
| 03450701H | - | Screwdriver Slot | X | | X | | X | | Bulk (100 pieces) |
| 03450711H | - | Screwdriver Slot | X | | X | | | X | Bulk (100 pieces) |
| 03450903H | 03450923H | Finger Grip | | X | | X | X | | Bulk (100 pieces) |
| 03450913H | 03450933H | Finger Grip | | X | | X | | X | Bulk (100 pieces) |

Cartridge Fuse Holders

Enclosed Fuseholders > Panel Mounted > Circuit Board Mounted

345 HV Series Shock Safe Circuit Board Mount Enclosed Fuse Holders

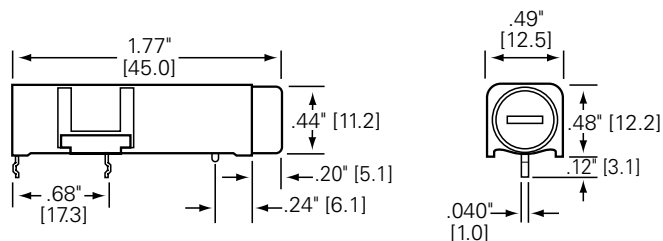


Agency Approvals

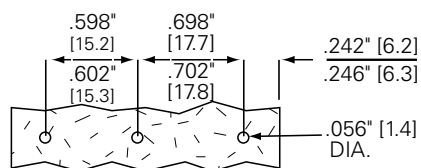
| Agency | Agency File Number |
|--------|--------------------|
| | E14721 |
| | 7316 |
| | 133923 |

* Please refer to Fuseology section for information on proper fuseholder re-rating.

Dimensions



Recommended hole Pattern



Product Characteristics

| | |
|------------------------------|---|
| Compatible Fuse Types | 3AG 3AB 5x20mm |
| Description | Similar to our Shock-Safe panel mount fuseholders, this series is designed per IEC Standards 60127-6. Two different knob styles available are available for use with 3AG and 3AB (1/4" x 1 1/4") or 5 x 20mm fuses. |
| Electrical | Insulation Resistance: 10,000 megohm minimum at 500 VDC. Contact Resistance: Less than .005 ohm average at a current of one ampere. |
| Dielectric Strength | 4000 volts minimum. Mounting: Intended for soldering to printed circuit boards. |
| Molded Parts | Body Material: Black glass-filled thermoplastic (UL 94V0). |
| Knob | Screwdriver slot, fuse extractor type with nickel-plated, copper alloy insert. Spring-loaded, bayonet style. Knob Material: Grey or Black glass-filled thermoplastic (UL94 V-0) |
| Terminals | Brass. Tin-plated. |
| Ambient Temperature | -40°C to +85°C. |

Ordering Information

| Ordering Part Number | Catalog Number | Fuse Size | Packing |
|----------------------|----------------|---------------------|-------------------|
| 03450101H | 345 101 | 1/4" x 1 1/4" Fuses | Bulk (100 pieces) |
| 03450121H | 345 121 | 5 x 20mm Fuses | Bulk (100 pieces) |

Body only: 03450101HX010

Knob only: 03450101HX020 (1/4" x 1 1/4") Grey;

03450121HX020 (5 x 20mm) Black.

Mouser Electronics

Authorized Distributor

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Littelfuse:

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[345121](#) [345121-02](#) [345601](#) [345613](#) [345933](#) [571007P](#) [345933A](#) [03450623HX020](#) [03450632X](#) [03450613H](#)
[03450612X](#) [03450903X](#) [03450101X](#) [03450701ZX010](#) [03450603HX020](#) [03450612ZX010](#) [03450101HX010](#)
[03450913X](#) [03450933X](#) [03450923X](#) [03450711ZX010](#) [03450913H](#) [03450612H](#) [03450621H](#) [03450623X](#)
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[03450611ZX010](#) [03450622X](#) [03450923H](#) [03450602H](#) [03450933H](#) [03450623H](#) [03450101H](#) [03450601HX020](#)
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[03450701X](#) [03450903ZX010](#) [03450621HX020](#) [345903](#) [03450632H](#) [03450603HX040](#) [03450613HX040](#)