



THE DATASHEET OF
03450101HX010



345 HV Series Panel Mount Enclosed Fuse Holders



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

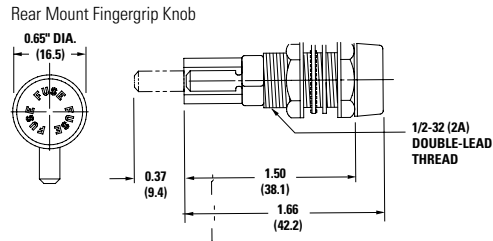
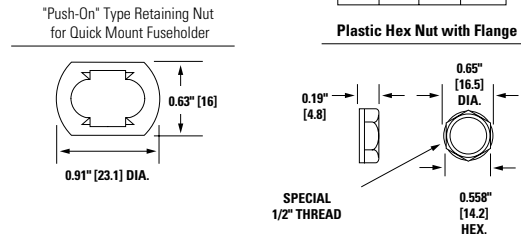
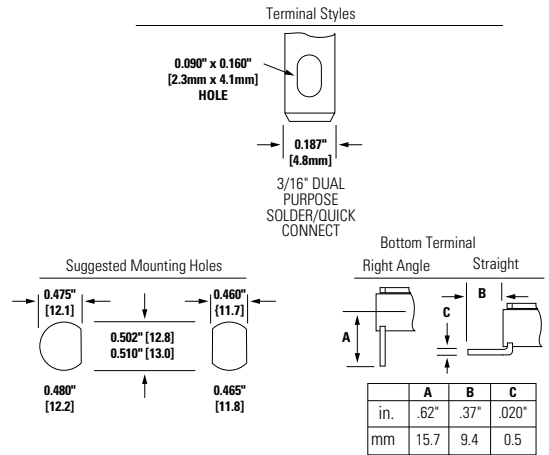
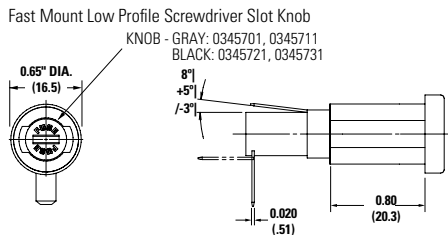
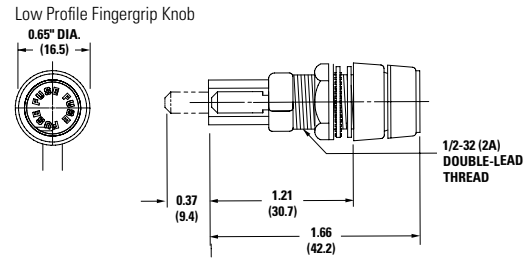
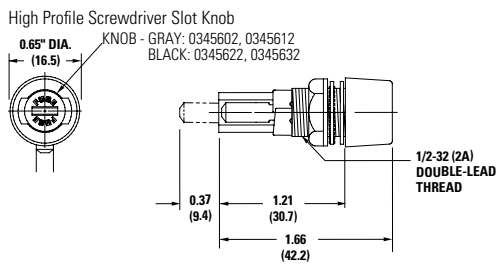
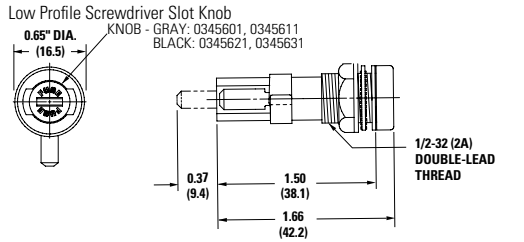


Samples

Agency Approval

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

Dimensions



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) |




345 HV Series Shock Safe Circuit Board Mount Enclosed Fuse Holders     



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 (¼" × 1¼") or 5 × 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. |

Agency Approvals

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

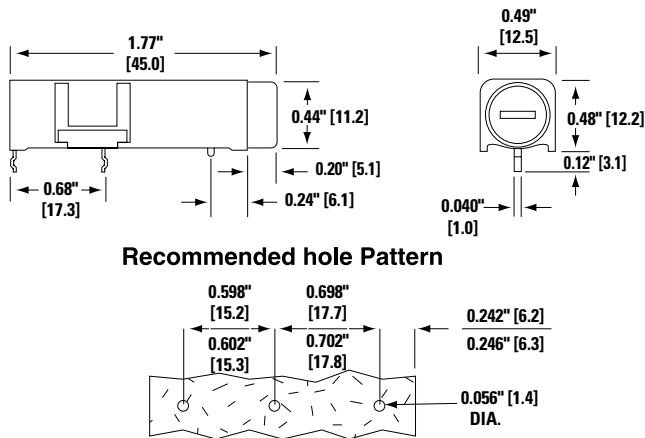
* Please refer to Fuseology section for information on proper fuseholder re-rating.

Ordering Information

| Ordering Part Number | Catalog Number | Fuse Size | Packing |
|----------------------|----------------|----------------|-------------------|
| 03450101H | 345 101 | ¼" × 1¼" Fuses | Bulk (100 pieces) |
| 03450121H | 345 121 | 5 × 20mm Fuses | Bulk (100 pieces) |

Body only: 03450101HX010
Knob only: 03450101HX020 (¼" × 1¼") Grey; 03450121HX020 (5 × 20mm) Black.

Dimensions



Disclaimer Notice - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at: www.littelfuse.com/disclaimer-electronics

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View 03450101HX010 on WIN SOURCE](#)

 [Littelfuse Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management