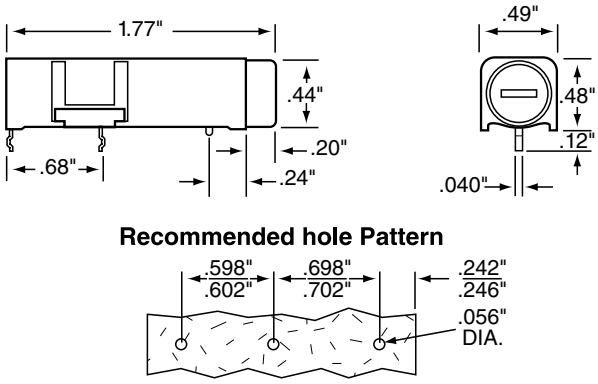
## 345 Series Shock Safe Circuit Board Mount Enclosed Fuse Holders

## Dimensions




## Additional Information

**Datasheet** | **Resources** | **Samples**

## Product Characteristics

| | |
|---|---|
| **Compatible Fuse Types** | **3AG**<br>**3AB**<br>**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.<br>Contact Resistance: Less than .005 ohm average at a current of one ampere. |
| **Dielectric Strength** | 4000 volts minimum.<br>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.<br>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

| Catalog Number | Fuse Size |
|---|---|
| **345 101** | ¼" × 1¼" Fuses |
| **345 121** | 5 × 20mm Fuses |

Body only: 345 101-010
Knob only: 345 101-020 (¼" × 1¼") Grey;
345 121-020 (5 × 20mm) Black.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Revised: 05/29/15

## 345 Series Panel Mount Enclosed Fuse Holders

## Additional Information

Datasheet | Resources | Samples

## Product Characteristics

| | |
|---|---|
| **Compatible Fuses** | **For 3AB/3AG, 5×20mm 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 × 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. |

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

## Agency Approval

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


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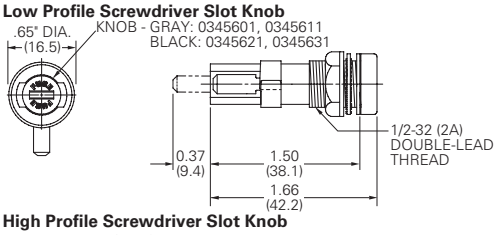
Revised: 06/02/17

# Cartridge Fuse Holders

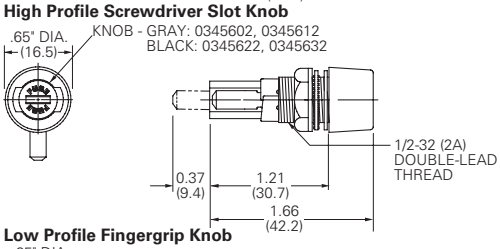
## Enclosed Fuseholders > Panel Mounted

## Dimensions

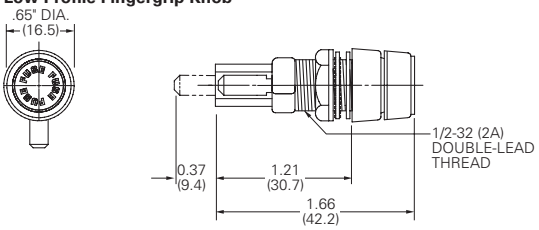
**Low Profile Screwdriver Slot Knob**



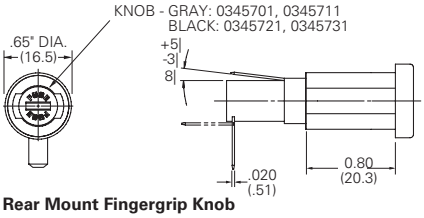

**High Profile Screwdriver Slot Knob**



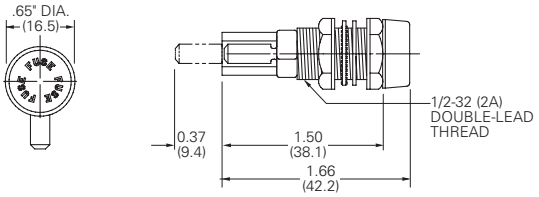

**Low Profile Fingergrip Knob**



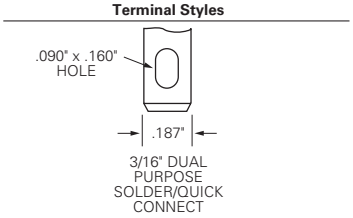

**Fast Mount Low Profile Screwdriver Slot Knob**



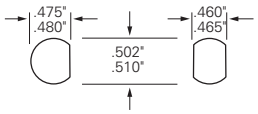

**Rear Mount Fingergrip Knob**




**Terminal Styles**

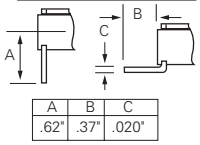



**Suggested Mounting Holes**



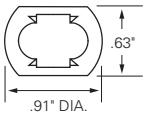

**Bottom Terminal**

**Right Angle** **Straight**

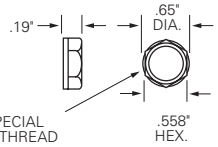



| A | B | C |
|---|---|---|
| .62" | .37" | .020" |

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




**Plastic Hex Nut with Flange**




## 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) |

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