

345 Series Shock-Safe Panel Mount Enclosed Fuse Holders



Product Characteristics

| Compatible Fuses | For 3AB, 3AG, 5x20mm, or 2AG Fuses |
|-----------------------------|--|
| Description | Designed to eliminate the possibility of electrical shock, as defined in IEC 60127-6. The universal fuseholder body will accept 3AB, 3AG, 5 × 20mm, and 2AG fuse sizes depending on knob selected. Permits inventory reduction of bodies and provides knob interchange versatility. Anti-tease feature eliminates circuit interruption when knob is accidentally depressed. Five fuseholder types assure design flexibility. Available with two knob styles — screwdriver slot or fingergrip. Available in two terminal styles — dual-purpose for soldering or 3/16" NEMA quick connect; and ¼" NEMA/DIN quick connect. Quick fuse size identification is provided with letters on fingergrip knob and color-coded screwdriver slot knobs. |
| Electrical | Insulation Resistance: 10,000 megohm minimum at 500 VDC. Contact Resistance: Less than .005 ohm average at currents up to 1 ampere. |
| Mounting | Threaded styles withstand 15 in.-lb. mounting torque. Low profile and High profile panel thickness: .032" min./ .310" max. Quick mount panel thickness: .012" min./ .360" max. Rear mount panel thickness: .012" min./ .260" max. |
| Molded Parts | Body Material: Black glass-filled thermoplastic (UL94 V0). |
| Knob Material | Grey, blue or black glass-filled thermoplastic (UL94 V-0) Hex Nut Material: Black glass-filled thermoplastic. |
| Knob | Finger-Grip, Fuse Extractor type or Screwdriver Slot, 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 | Copper alloy. Tin-plated. Three styles available. A .187" dual purpose terminal accepts wire for soldering or a Quick-Connect receptacle. .187" terminal for NEMA Quick-Connect and .250" terminal for NEMA/DIN Quick-Connect available. |
| Ambient Temperature* | -40°C to +85°C. |
| Hardware | Threaded style fuseholders are supplied with a thermoplastic hex nut unassembled. Quick mount style fuseholders are supplied with a push-on type retaining nut, black oxide finish, unassembled. A synthetic rubber "O" ring will be supplied only with the screwdriver slot knob when the drip-proof version is requested. To order with a metal internal tooth lockwasher (L) and/or neoprene panel washer (N) and/or drip-proof synthetic rubber "O" ring with Neoprene washer (NP) [Screwdriver slot knob only], add the appropriate suffix (L, N, or NP) respectively (or in combination) to the catalog number. Accessories can be order by separately. |

* - Refer to [Fuseology](#) for information on proper re-rating.

Additional Information



Datasheet



Resources

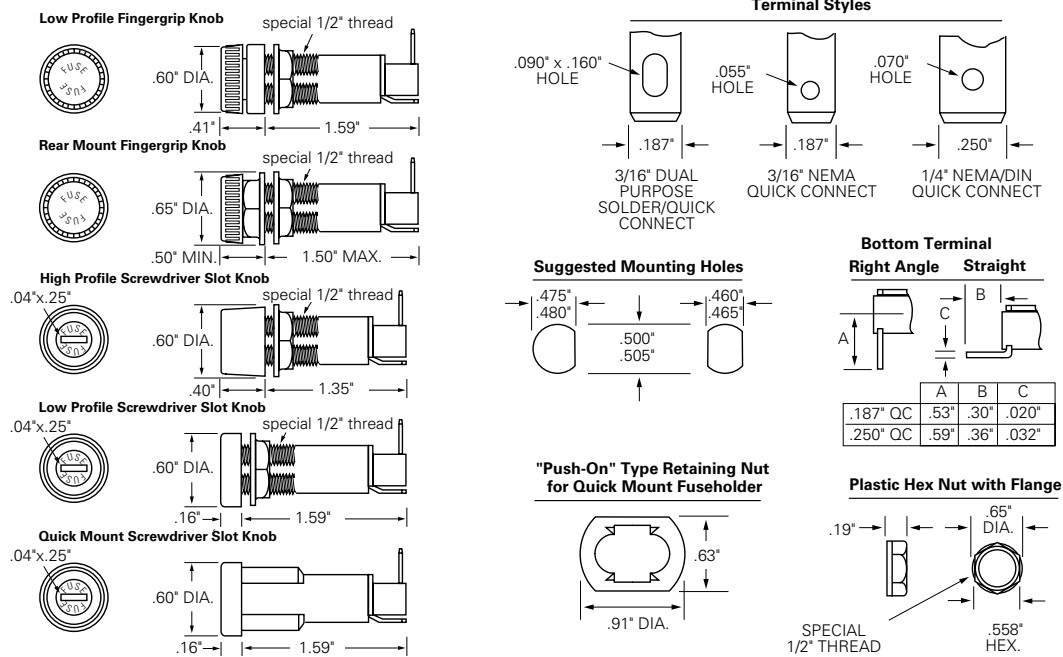


Samples

Agency Approval

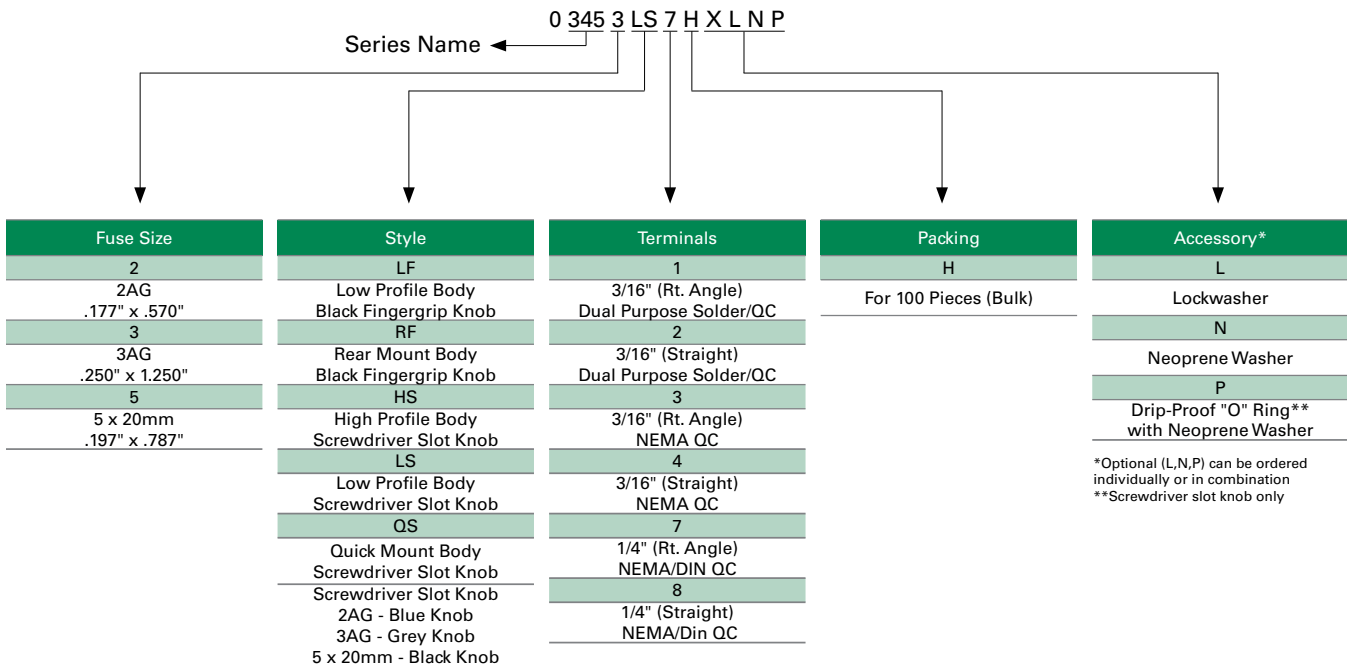
| Agency | Agency File Number | 3AG/AB (6.3x32mm) | 5x20mm | 2AG |
|--------|--------------------|-------------------|----------|----------|
| | E14721 | 20A 250V | 20A 250V | 10A 250V |
| | 7316 | 20A 250V | 20A 250V | 10A 250V |
| | 40001642 | 10A 250V | 10A 250V | — |

Dimensions



Ordering Part Numbering System to order complete fuse holder (body and knob)

Example 03453LS7HXLNP - A 345 Series fuse holder for 3AG fuses with low profile body and a Screwdriver Slot knob, with 1/4" (Rt. Angle) Nema/Din QC terminals.



Note - If accessory is needed, add the "X" as filler on the ordering part number

To Order Body Including Nut(s) Only

| Terminal Style | Bottom Terminal | Low Profile Body Part Number*** | High Profile Body Part Number | Rear Mount Body Part Number | Quick Mount Body Part Number |
|--------------------|-----------------|---------------------------------|-------------------------------|-----------------------------|------------------------------|
| 3/16" Dual Purpose | (Rt. Angle) | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 |
| 3/16" Dual Purpose | (Straight) | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 |
| 3/16" NEMA QC | (Rt. Angle) | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 |
| 3/16" NEMA QC | (Straight) | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 |
| ¼" NEMA/DIN QC | (Rt. Angle) | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS8ZX010 |
| ¼" NEMA/DIN QC | (Straight) | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS4ZX010 | 03453QS8ZX010 |

***Low Profile Body will accept either Fingergrip or Screwdriver Slot Knob.
 Z - 100 pieces (Bulk)
 X - Filler

To Order Knob Only

| Fuse Size | Fingergrip Knob | Screwdriver Slot Knob |
|-----------|----------------------|-----------------------|
| 2AG | 03452LF1HX020 | 03453LF1HX020 |
| 3AG | 03453LF1HX020 | 03453LF1HX020 |
| 5 × 20mm | 03453LF1HX020 | 03453LF1HX020 |

H - 100 Pieces (Bulk)
 X - Filler

To Order Accessories Only

| Accessory | Packaging | Part Number |
|-------------------|--------------------------|------------------|
| ACS Rubber Washer | Bulk (100 pieces) | 09010002H |
| ACS Nut | Bulk (100 pieces) | 09030097H |
| ACS Lockwasher | Bulk (100 pieces) | 09050023H |
| ACS O-Ring | Bulk (100 pieces) | 09010134H |

H - 100 Pieces (Bulk)

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