

# 345 Series Shock-Safe Panel Mount Enclosed Fuse Holders





**Additional Information** 

 $|\psi|$ Datasheet





| Product Char           | acteristics  |  |  |
|------------------------|--|--|--|
| Compatible<br>Fuses    | For 3AB, 3AG, 5×20mm, or 2AG 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, 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 inlb. mounting torque.<br>Low profile and High profile panel thickness: .032"<br>min./.310" max. Quick mount panel thickness: .012"<br>min./.360" max. Rear mount panel thickness: .012"<br>min./.260" max.   |  |  |
| Molded Parts           | Body Material: Black glass-filled thermoplastic (UL 94V0).   |  |  |
| Knob Material          | Grey, blue or black glass-filled thermoplastic (UL94 V-0<br>Hex Nut Material: Black glass-filled thermoplastic.  |  |  |
| Knob                   | Finger-Grip, Fuse Extractor type or Screwdriver Slot,<br>Fuse Extractor type with plated copper alloy insert.<br>Plated copper alloy contact clips. Spring loaded, locki<br>mechanism provides an anti-tease feature and will no<br>vibrate loose.   |  |  |
| Terminals              | Copper alloy. Tin-plated. Three styles available. A .187"<br>dual purpose terminal accepts wire for soldering or a<br>Quick-Connect receptacle187" terminal for NEMA<br>Quick-Connect and .250" terminal for NEMA/DIN Quick<br>Connect available.  |  |  |
| Ambient<br>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 rubbe "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 suffic (L, N, or NP) respectively (or in combination) to the catalog number. Accesories can be order by separately   |  |  |

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

## **Agency Approval**

| Agency    | Agency File<br>Number | 3AG/AB   | 5×20mm   | 2AG      |
|-----------|-----------------------|----------|----------|----------|
| <b>91</b> | E14721                | 20A 250V | 20A 250V | 10A 250V |
| SP.       | 7316                  | 20A 250V | 20A 250V | 10A 250V |
|           | 40001642              | 10A 250V | 10A 250V | _        |



## **Cartridge Fuse Holders** Enclosed Fuseholders > Panel Mounted

## **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<br>Number*** | High Profile Body Part<br>Number | Rear Mount Body Part<br>Number | Quick Mount Body<br>Part Number |
|--------------------|-----------------|------------------------------------|----------------------------------|--------------------------------|---------------------------------|
| 3/16" Dual Purpose | (Rt. Angle)     | 03453LF1ZX010                      | 03453HS1ZX010                    | 03453RF1ZX010                  | 03453QS1ZX010                   |
| 3/16" Dual Purpose | (Straight)      | 03453LF2ZX010                      | 03453HS2ZX010                    | 03453RF2ZX010                  | 03453QS2ZX010                   |
| 3/16" NEMA QC      | (Rt. Angle)     | 03453LF3ZX010                      | 03453HS3ZX010                    | 03453RF3ZX010                  | 03453QS3ZX010                   |
| 3/16"NEMA QC       | (Straight)      | 03453LF4ZX010                      | 03453HS4ZX010                    | 03453RF4ZX010                  | 03453QS4ZX010                   |
| 1/4" NEMA/DIN QC   | (Rt. Angle)     | 03453LF7ZX010                      | 03453HS7ZX010                    | 03453RF7ZX010                  | 03453QS7ZX010                   |
| 14"NEMA/DIN QC     | (Straight)      | 03453LF8ZX010                      | 03453HS8ZX010                    | 03453RF8ZX010                  | 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   | 03452LS1HX020         |
| 3AG       | 03453LF1HX020   | 03453LS1HX020         |
| 5 × 20mm  | 03455LF1HX020   | 03455LS1HX020         |

H - 100 Pieces (Bulk)

#### X - Filler

### ACS O-Ring

ACS Rubber Washer

ACS Nut

ACS Lockwasher

**To Order Accesories Only** 

Packaging

Bulk (100 pieces)

Bulk (100 pieces)

Bulk (100 pieces)

Bulk (100 pieces)

09010002H

09030097H

09050023H

09010134H

H - 100 Pieces (Bulk)

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