

## 345 Series Shock-Safe Panel Mount Enclosed Fuse Holders



### Product Characteristics

Compatible Fuses	For 3AB, 3AG, 5x20mm, or 2AG Fuses
<b>Description</b>	Designed to eliminate the possibility of electrical shock, as defined in IEC standards 60127-6. The universal fuseholder body will accept 3AB, 3AG, 5 x 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 fingertip. Available in two terminal styles — dual-purpose for soldering or 3/16" NEMA quick connect; and 1/4" NEMA/DIN quick connect. Quick fuse size identification is provided with letters on fingertip knob and color-coded screwdriver slot knobs.
<b>Electrical</b>	Insulation Resistance: 10,000 megohm minimum at 500 VDC. Contact Resistance: Less than .005 ohm average at currents up to 1 ampere.
<b>Mounting</b>	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.
<b>Molded Parts</b>	Body Material: Black glass-filled thermoplastic (UL 94V0).
<b>Knob Material</b>	Grey, blue or black glass-filled thermoplastic (UL94 V-0) Hex Nut Material: Black glass-filled thermoplastic.
<b>Knob</b>	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.
<b>Terminals</b>	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.
<b>Ambient Temperature</b>	-40°C to +85°C.
<b>Hardware</b>	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.

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

### Additional Information



Datasheet



Resources

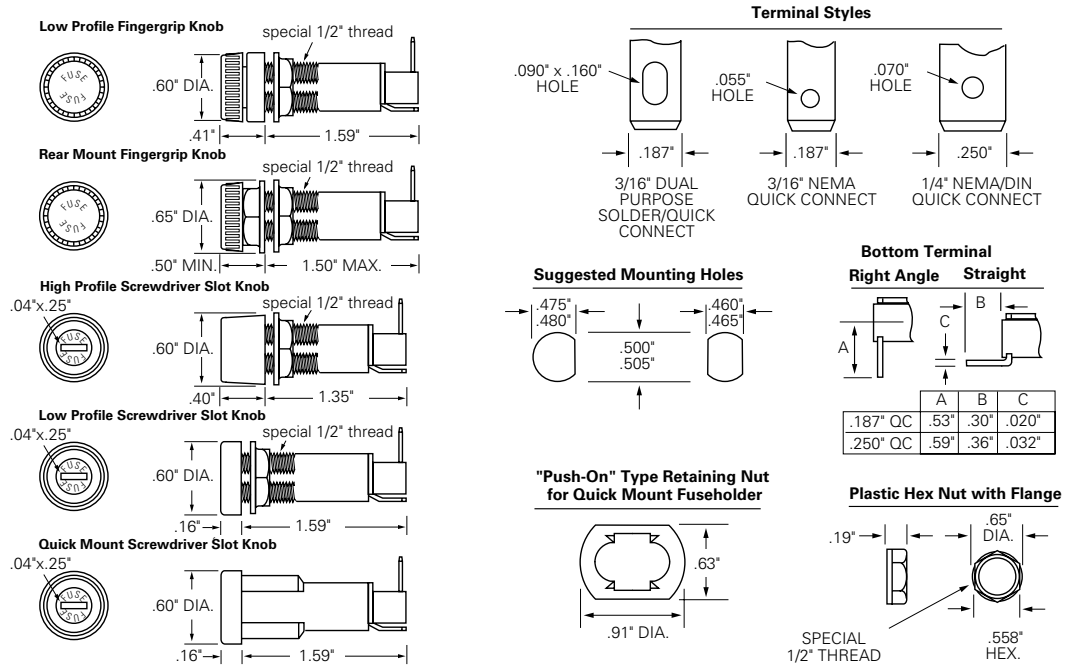


Samples

### Agency Approval

Agency	Agency File Number	3AG	5x20mm	2AG
	E14721	20A 250V	10A 250V	10A 250V
	7316	20A 250V	10A 250V	10A 250V
	40001642	10A 250V	10A 250V	—

## Dimensions



## Part Numbering System

**EXAMPLE:**  
(Complete Assembly with Options)

Series Number: 345 3 LS 7 L N P

Fuse Size	Style	Terminals	Options*
2 2AG .177" x .570"	LF Low Profile Body Black Fingergrip Knob	1 3/16" (Rt. Angle) Dual Purpose Solder/QC	L Lockwasher
3 3AG .250" x 1.250"	RF Rear Mount Body Black Fingergrip Knob	2 3/16" (Straight) Dual Purpose Solder/QC	N Neoprene Washer
5 5 x 20mm .197" x .787"	HS High Profile Body Screwdriver Slot Knob	3 3/16" (Rt. Angle) NEMA QC	NP Drip-Proof "O" Ring** with Neoprene Washer
	LS Low Profile Body Screwdriver Slot Knob	4 3/16" (Straight) NEMA QC	
	QS Quick Mount Body Screwdriver Slot Knob	7 1/4" (Rt. Angle) NEMA/DIN QC	
	Screwdriver Slot Knob 2AG — Blue Knob 3AG — Grey Knob 5 x 20mm — Black Knob	8 1/4" (Straight) NEMA/DIN QC	

\*Options (L, N, NP) can be ordered individually or in combination.  
\*\*Screwdriver slot knob only.

To Order Knob Only:

Fuse Size	Fingergrip Knob	Screwdriver Slot Knob
2AG	<b>3452LF1-020</b>	<b>3452LS1-020</b>
3AG	<b>3453LF1-020</b>	<b>3453LS1-020</b>
5 x 20mm	<b>3455LF1-020</b>	<b>3455LS1-020</b>

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)	<b>3453LF1-010</b>	<b>3453HS1-010</b>	<b>3453RF1-010</b>	<b>3453QS1-010</b>
3/16" Dual Purpose	(Straight)	<b>3453LF2-010</b>	<b>3453HS2-010</b>	<b>3453RF2-010</b>	<b>3453QS2-010</b>
3/16" NEMA QC	(Rt. Angle)	<b>3453LF3-010</b>	<b>3453HS3-010</b>	<b>3453RF3-010</b>	<b>3453QS3-010</b>
3/16" NEMA QC	(Straight)	<b>3453LF4-010</b>	<b>3453HS4-010</b>	<b>3453RF4-010</b>	<b>3453QS4-010</b>
1/4" NEMA/DIN QC	(Rt. Angle)	<b>3453LF7-010</b>	<b>3453HS7-010</b>	<b>3453RF7-010</b>	<b>3453QS7-010</b>
1/4" NEMA/DIN QC	(Straight)	<b>3453LF8-010</b>	<b>3453HS8-010</b>	<b>3453RF8-010</b>	<b>3453QS8-010</b>

\*\*\*Low Profile Body will accept either Fingergrip or Screwdriver Slot Knob.