

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 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 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 (UL 94V0).
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.

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

Additional Information



Datasheet



Resources

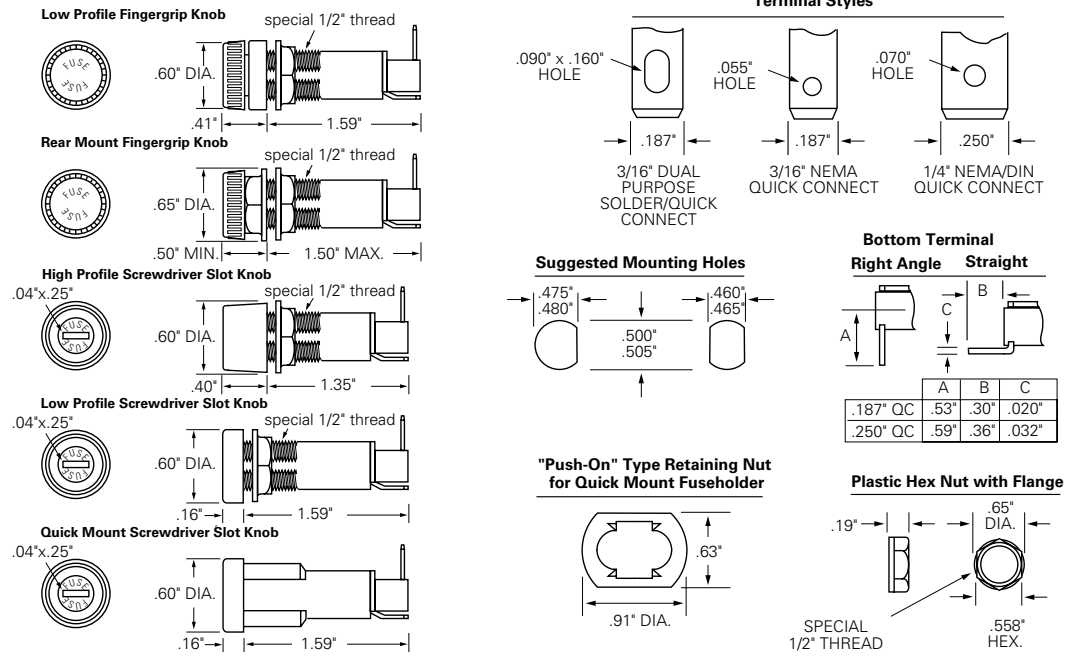


Samples

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	3452LF1-020	3452LS1-020
3AG	3453LF1-020	3453LS1-020
5 x 20mm	3455LF1-020	3455LS1-020

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

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