345 Series
Shock-Safe Panel Mount Enclosed Fuse Holders

Notes:
* Pictures taken without fuse installed, level of screwdriver knob will look different, with fuse installed.
* High profile and low profile body include 1 nut
* Rear mount body include 2 nuts.
* Quick connect body include 1 retaining nut.

Additional Information

Resources | Accessories | Samples

Agency Approval

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

Product Characteristics

Compatible 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 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. Accesories can be order by separately.
Ingress Protection	IP40 : Protected from solid objects greater than 1 millimeter. Not protected from liquids. IP52: Protected against dust and dripping water when tilted up to 15°. Parts ending with "NP".

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

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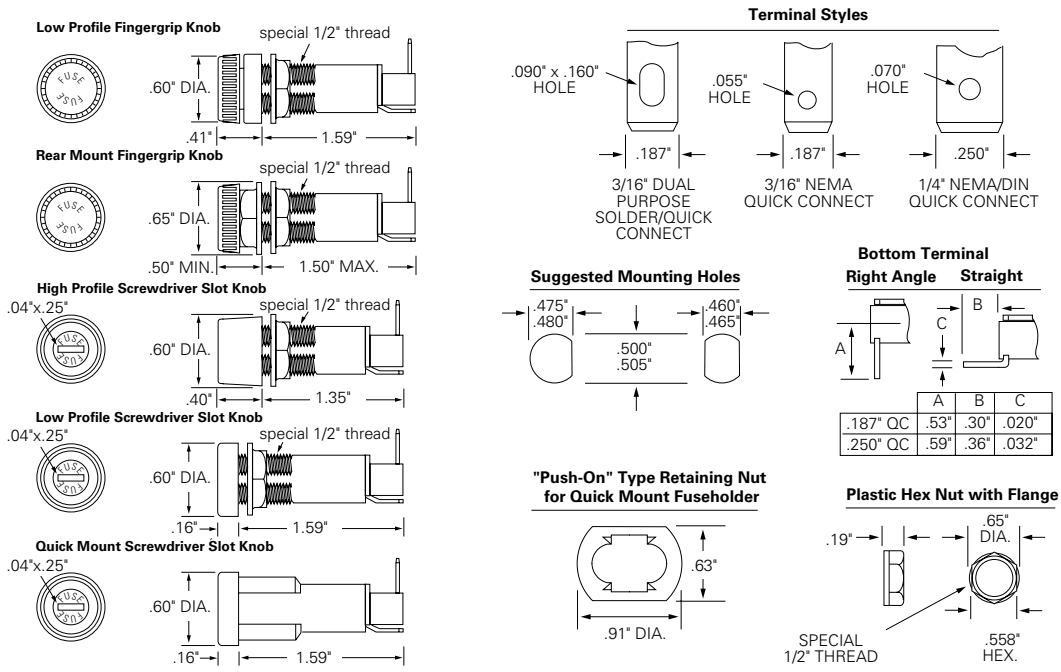
Dimensions



	A	B	C
.187" QC	.53"	.30"	.020"
.250" QC	.59"	.36"	.032"

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.

0 345 3 LS 7 H X L N P

Series Name

Fuse Size	Style	Terminals	Packing	Accessory*
2	LF	1	H	L
2AG .177" x .570"	Low Profile Body Black Fingergrip Knob	3/16" (Rt. Angle) Dual Purpose Solder/QC	For 100 Pieces (Bulk)	Lockwasher
3	RF	2		N
3AG .250" x 1.250"	Rear Mount Body Black Fingergrip Knob	3/16" (Straight) Dual Purpose Solder/QC		Neoprene Washer
5	HS	3		P
5 x 20mm .197" x .787"	High Profile Body Screwdriver Slot Knob	3/16" (Rt. Angle) NEMA QC		Drip-Proof "O" Ring** with Neoprene Washer
	LS	4		
	Low Profile Body Screwdriver Slot Knob	3/16" (Straight) NEMA QC		
	QS	7		
	Quick Mount Body Screwdriver Slot Knob	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		

*Optional (L,N,P) can be ordered individually or in combination
**Screwdriver slot knob only

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

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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)	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
¼" NEMA/DIN QC	(Rt. Angle)	03453LF7ZX010	03453HS7ZX010	03453RF7ZX010	03453QS7ZX010
¼"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

To Order Accesories Only

Accesory	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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