345 Series Shock-Safe Panel Mount Enclosed Fuse Holders





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.

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

Additional Information

Datasheet | **Resources** | **Samples**

Agency Approval

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

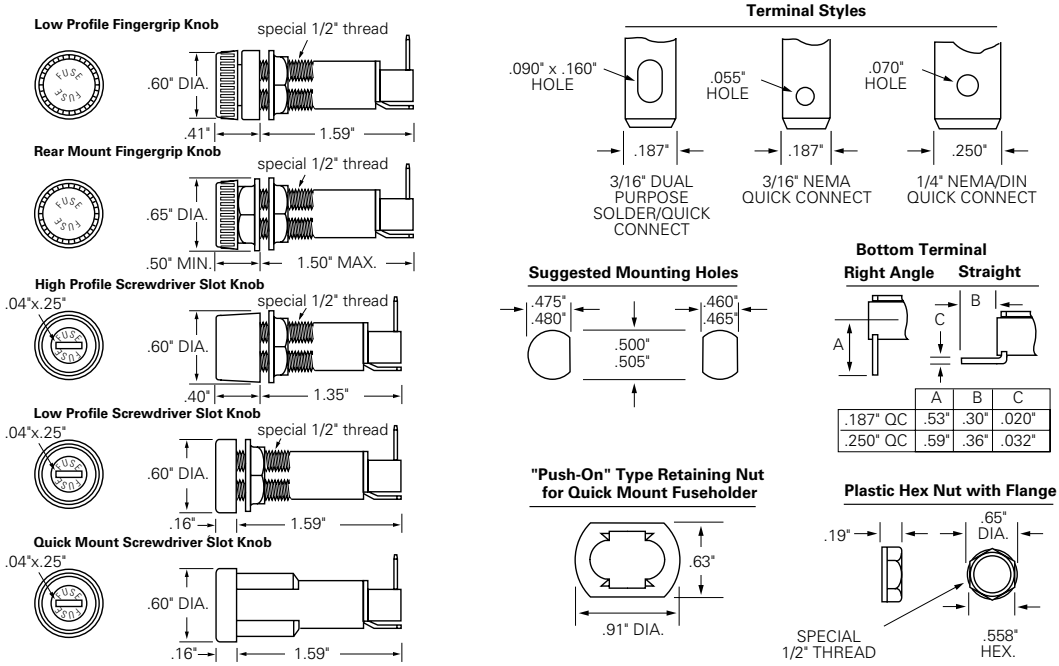
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Cartridge Fuse Holders

Enclosed Fuseholders > Panel Mounted

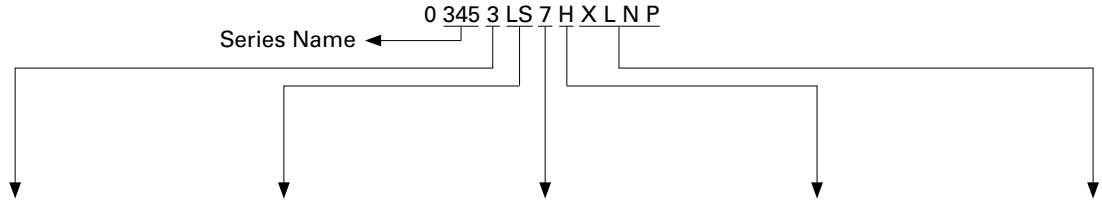
Dimensions



	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.



Fuse Size
2
2AG .177" x .570"
3
3AG .250" x 1.250"
5
5 x 20mm .197" x .787"

Style
LF
Low Profile Body Black Fingergrip Knob
RF
Rear Mount Body Black Fingergrip Knob
HS
High Profile Body Screwdriver Slot Knob
LS
Low Profile Body Screwdriver Slot Knob
QS
Quick Mount Body Screwdriver Slot Knob
Screwdriver Slot Knob 2AG - Blue Knob 3AG - Grey Knob 5 x 20mm - Black Knob

Terminals
1
3/16" (Rt. Angle) Dual Purpose Solder/QC
2
3/16" (Straight) Dual Purpose Solder/QC
3
3/16" (Rt. Angle) NEMA QC
4
3/16" (Straight) NEMA QC
7
1/4" (Rt. Angle) NEMA/DIN QC
8
1/4" (Rt. Angle) NEMA/DIN QC

Packing
H
For 100 Pieces (Bulk)

Accessory*
L
Lockwasher
N
Neoprene Washer
P
Drip-Proof "O" Ring** with Neoprene Washer

*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)	**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 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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