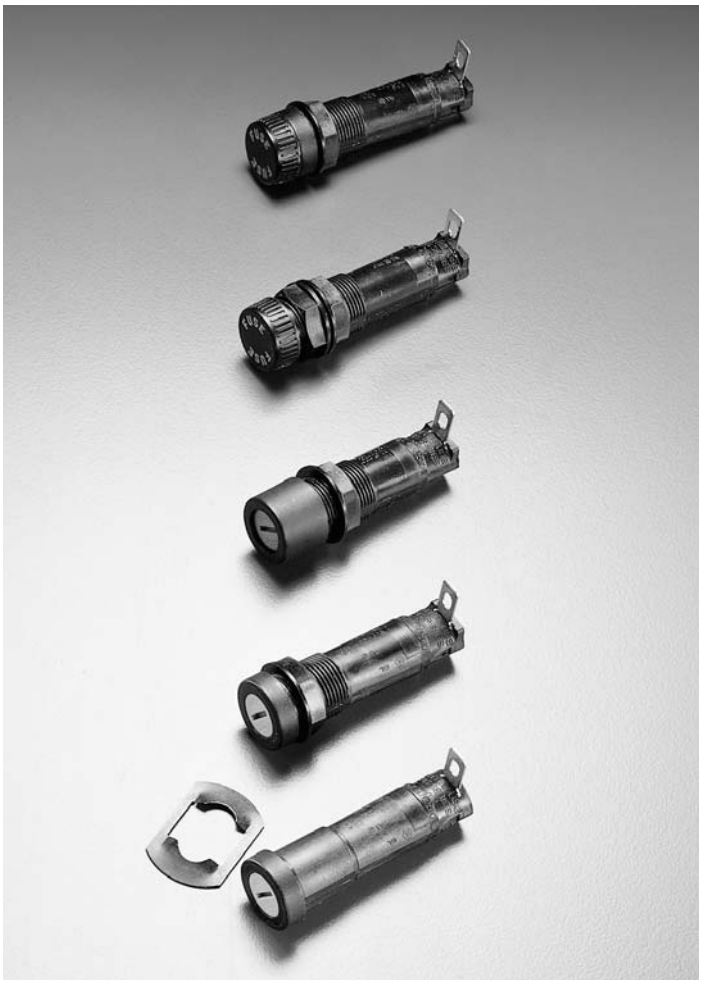
International Shock-Safe Panel Mount Type

A complete selection of styles and options satisfy a wide variety of fuse-holder design needs. Designed to eliminate the possibility of electrical shock, as defined in IEC standards 60065 and 60127. The universal fuseholder body will accept 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. Drip-proof option is available on screwdriver slot knob style. 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 fingergrip knob and color-coded screwdriver slot knobs.

APPROVALS:

	3AG	5 x 20mm	2AG
	20A 250V	10A 250V	10A 250V
CSA	20A 250V	10A 250V	10A 250V
VDE	10A 250V	10A 250V	—





SPECIFICATIONS:

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.

Example: 3453LS7LNP is a holder supplied with a lockwasher, a neoprene panel washer, and a drip-proof "O" ring in addition to the hex nut.

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

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ORDERING INFORMATION:

EXAMPLE (Complete Assembly with options): **345 3 LS 7 L N NP**

Series Number

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.

Note: To Order Knob Only:

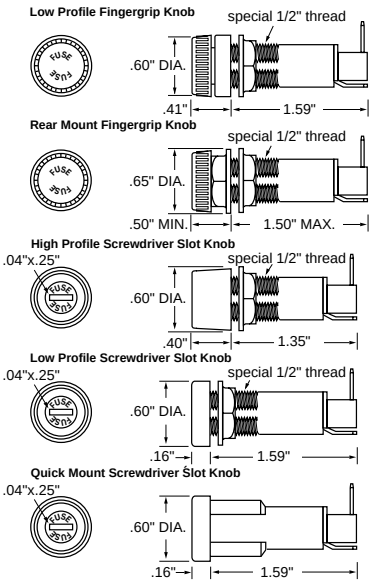
Fuse Size	Fingergrip Knob Part Number	Screwdriver Slot Knob Part Number
2AG	3452LF1-020	3452LS1-020
3AG	3453LF1-020	3453LS1-020
5 x 20mm	3455LF1-020	3455LS1-020

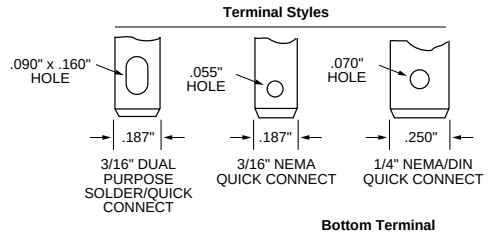
To Order Body Including Nut(s) Only:

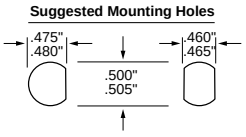
Terminal Style	Bottom Terminal	Low Profile Body Part Number***	High Profile Body Part Number	Rear Mount Body Part Number	Quick Mount Body Part Number
3/16" Dual Purpose	(Rt. Angle)	3453LF1-010	3453HS1-010	3453RF1-010	3453QS1-010
3/16" Dual Purpose	(Straight)	3453LF2-010	3453HS2-010	3453RF2-010	3453QS2-010
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

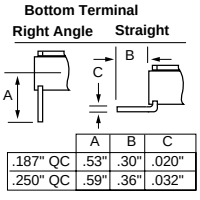
***Low Profile Body will accept either Fingergrip or Screwdriver Slot Knob.

DIMENSION DRAWINGS:









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

