345 HV Series

03450601H

03450621H

03450603H

03450623H

03450612H

03450632H

03450701H

03450903H

03450923H

Screwdriver

Slot Knob

Panel Mount Enclosed Fuse Holders

03450602H

03450622H

03450611H

03450631H

03450613H

03450633H

03450711H

03450913H

03450933H

Retaining

Nut









Product Characteristics

Compatible Fuses	For 3AB/3AG, 5×20mm 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, and 5×20 mm fuse sizes.
Electrical	Insulation Resistance: 10,000 megohm minimum at 500 VDC. Contact Resistance: Less than .005 ohm average at currents up to 1 ampere. Dielectric Strength: 4,000 volts minimum.
Mounting	Threaded styles withstand 15 inlb. mounting torque. Low profile and High profile panel thickness: .032" min./.310" max.
Molded Parts	Body Material: Black glass-filled thermoplastic (UL 94V0).
Knob Material	Grey or black glass-filled thermoplastic (UL94 V-0) Hex Nut Material: Black glass-filled thermoplastic.
Knob	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	Plated cooper alloy, A-187; dual purpose terminal accepts wire for soldering or a Quick-Connect receptacle.
Ambient Temperature	-40°C to +85°C.
Hardware	Threaded style fuseholders are supplied with a thermoplastic hex nut unassembled.
Ingress Protection	IP40 : Protected from solid objects greater than 1 millimeter. Not protected from liquids.

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

Agency Approval

Agency	Agency File Number	3AG/AB	5×20mm
<i>91</i>	E14721	20A, 600V	20A, 600V
(A)	7316	20A, 600V	20A, 600V

Additional Information









Resources

Accessories

Samples

Notes:

- Pictures taken without fuse installed, level of screwdriver knob will look different.
- All holders include 1 nut.
- All holders include 1 hdt.
 03450903H, 03450923H, 03450913H & 03450933H include 2 nuts.
 Quick connect holders include 1 retaining nut.



Finger Grip

Knob

345 HV Series

Panel Mount Enclosed Fuse Holders

Terminal Styles Low Profile Screwdriver Slot Knob 0.65" DIA. KNOB - GRAY: 0345601, 0345611 BLACK: 0345621, 0345631 0.65" DIA. → (16.5) → 0.090" x 0.160 [2.3mm x 4.1mm] HOLE 0.187" [4.8mm] 1/2-32 (2A) DOUBLE-LEAD THREAD 3/16" DUAL PURPOSE SOLDER/QUICK CONNECT 1.50 (38.1) 0.37 (9.4) 1.66 (42.2) Bottom Terminal Suggested Mounting Holes Right Angle Straight 0.475" [12.1] 0.460" {11.7] C 0.502" [12.8] 0.510" [13.0] High Profile Screwdriver Slot Knob KNOB - GRAY: 0345602, 0345612 BLACK: 0345622, 0345632 0.65" DIA. ← (16.5) – 0.480" [12.2] 0.465" [11.8] A B C .37" .020" .62" 15.7 9.4 0.5 "Push-On" Type Retaining Nut for Quick Mount Fuseholder **Plastic Hex Nut with Flange** 1/2-32 (2A) DOUBLE-LEAD THREAD [16.5] DIA. 1.21 (30.7) 0.19" [4.8] 0.63" [16] 1.66 (42.2) 0.91" [23.1] DIA. Low Profile Fingergrip Knob SPECIAL 1/2" THREAD 0.558" [14.2] HEX. 0.65" DIA. -- (16.5) → 1/2-32 (2A) Double-Lead Thread Rear Mount Fingergrip Knob 0.37 Fast Mount Low Profile Screwdriver Slot Knob KNOB - GRAY: 0345701, 0345711 BLACK: 0345721, 0345731 1/2-32 (2A) DOUBLE-LEAD THREAD (16.5) 0.37 (9.4) 1.50 (38.1) 1.66 (42.2) 0.80 0.020 (.51) (20.3)

Dimensions

Part Numbering System

Part N	lumber	Knob Type	Low	High	Front	Rear	Rt. Angle	Straight	De alvin u
(3AG/AB)	5x20mm		Profile	Profile	Mount	Mount	Terminal	Terminal	Packing
03450601H	03450621H	Screwdriver Slot	X	-	X	-	X	-	Bulk (100 pieces)
03450602H	03450622H	Screwdriver Slot	-	X	X	-	X	-	Bulk (100 pieces)
03450603H	03450623H	Finger Grip	-	X	X	-	X	-	Bulk (100 pieces)
03450611H	03450631H	Screwdriver Slot	Χ	-	X	-	-	Χ	Bulk (100 pieces)
03450612H	03450632H	Screwdriver Slot	-	Χ	Χ	-	-	Χ	Bulk (100 pieces)
03450613H	03450633H	Finger Grip	-	Χ	X	-	-	Χ	Bulk (100 pieces)
03450701H	_	Screwdriver Slot	Χ	-	Χ	-	Χ	-	Bulk (100 pieces)
03450711H	_	Screwdriver Slot	X	-	X	-	-	Χ	Bulk (100 pieces)
03450903H	03450923H	Finger Grip	-	Χ	-	Χ	Χ	-	Bulk (100 pieces)
03450913H	03450933H	Finger Grip	-	X	-	X	-	X	Bulk (100 pieces)



345 HV Series

Shock Safe Circuit Board Mount Enclosed Fuse Holders











Agency Approvals

Agency	Agency File Number
71 .	E14721
(7316
© ^V E	133923

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

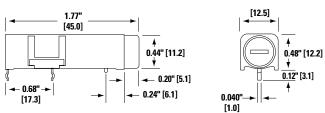
Product Characteristics

Compatible Fuse Types	3AG 3AB 5×20mm
Description	Similar to our Shock-Safe panel mount fuseholders, this series is designed per IEC Standards 60127-6. Two different knob styles available are available for use with 3AG and 3AB ($\frac{1}{4}$ " \times 1 $\frac{1}{4}$ ") or 5 \times 20mm fuses.
Electrical	Insulation Resistance: 10,000 megohm minimum at 500 VDC. Contact Resistance: Less than .005 ohm average at a current of one ampere.
Dielectric Strength	4000 volts minimum. Mounting: Intended for soldering to printed circuit boards.
Molded Parts	Body Material: Black glass-filled thermoplastic (UL 94V0).
Knob	Screwdriver slot, fuse extractor type with nickel-plated, copper alloy insert. Spring-loaded, bayonet style. Knob Material: Grey or Black glass-filled thermoplastic (UL94 V-0)
Terminals	Brass. Tin-plated.
Ambient Temperature	-40°C to +85°C.

Ordering Information

Ordering Part Number	Catalog Number	Fuse Size	Packing
03450101H	345 101	¼" × 1¼" Fuses	Bulk (100 pieces)
03450121H	345 121	5 × 20mm Fuses	Bulk (100 pieces)

Dimensions



Recommended hole Pattern

0.598"	0.698"	
[15.2]	[17.7]	0.242" [6.2]
0.602"	0.702"	0.246" [6.3]
[15.3]	[17.8]	
10,11		0.056" [1.4]

