## 345 HV Series Panel Mount Enclosed Fuse Holders

### RoHS 🔊 🗣



#### **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 $5 \times 20$ 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	
<b>91</b>	E14721	20A, 600V	20A, 600V	
() E	7316	20A, 600V	20A, 600V	

### **Additional Information**







Resources

Accessories

Samples

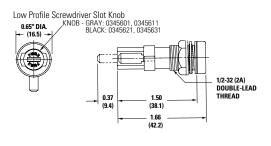
#### Notes:

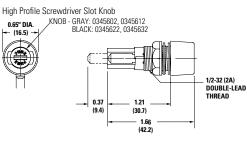
- Pictures taken without fuse installed, level of screwdriver knob will look different.
  - All holders include 1 nut.
- All holders include 1 nut.
  03450903H, 03450923H, 03450913H & 03450933H include 2 nuts.
  Quick connect holders include 1 retaining nut.

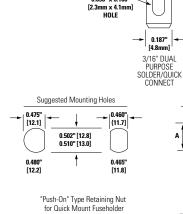
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# **345 HV Series** Panel Mount Enclosed Fuse Holders

Dimensions

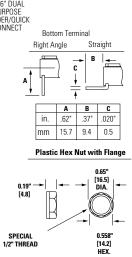






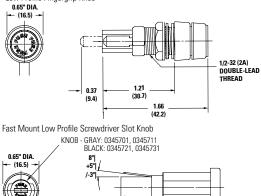
0.090" x 0.160





Terminal Styles

Low Profile Fingergrip Knob



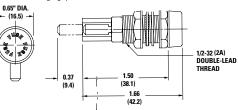
\_0.020 (.51)

-||-

0.80

(20.3)

Rear Mount Fingergrip Knob



### Part Numbering System

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



Fuse Holders Datasheet

# 345 HV Series

Shock Safe Circuit Board Mount Enclosed Fuse Holders





### **Agency Approvals**

Agency File Number
E14721
7316
133923

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

1.77" [45.0]

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### **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 ( $\frac{1}{4}$ " × 1 $\frac{1}{4}$ ") or 5 × 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	$\frac{1}{4}$ " $\times$ 1 $\frac{1}{4}$ " Fuses	Bulk (100 pieces)
03450121H	345 121	$5 \times 20$ mm Fuses	Bulk (100 pieces)

Body only: 03450101HX010 Knob only: 03450101HX020 (/4  $^{\prime\prime}$   $\times$  1/4  $^{\prime\prime}$  ) Grey; 03450121HX020 (5  $\times$  20mm) Black

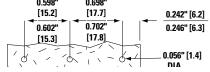
0.48" [12.2] ŧ ¥ 0.12" [3.1] - 0.20" [5.1] - 0.68" ŧ 0.24" [6.1] 0.040"-[17.3] [1.0] **Recommended hole Pattern** 0.698" 0.598"

. 0.44" [11.2]

**Dimensions** 

[12.5]

4



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