

# Printed Circuit Board Fuseholders

## For 1/4" x 1 1/4" and 5mm x 20mm Fuses

# HB Series

Model	Fuse Size	Cat. No. (Carrier & Body)	Agency Listings	Dimensions (±.005", ±.13mm)	Mounting Dimensions
Horizontal Mount	1/4" x 1 1/4"	HBH-I	U.L. CSA VDE SEMKO		
	5mm x 20mm	HBH-M			
Vertical Mount With Stability Pins	1/4" x 1 1/4"	HBV-I	U.L. CSA VDE SEMKO		
	5mm x 20mm	HBV-M			
Vertical Mount Without Stability Pins	1/4" x 1 1/4"	HBW-I	U.L. CSA VDE SEMKO		
	5mm x 20mm	HBW-M			

NOTE: Carriers do not fit panel-mounted fuseholders.

**Catalog Symbol:** HBH, HBV, HBW

**Specifications**

**Temperature Rating (RTI):**

Body: 150°C

Knob: 130°C

**PC Board Fuseholders**

**Electrical Ratings:** U.L. — 16A @ 250V; CSA — 12A @ 250V; VDE — 10A @ 250V; SEMKO — 10A @ 250V; (CSA) Insulation resistance — 10,000 megohm at 500 Vdc. Contact resistance — less than 0.005 ohms @ 20mV. Dielectric strength — over 200 volts/mil.

**Molded Material:** High dielectric molded phenolic with a U.L. 94 VO flammability rating.

**Fuse Carrier & Knob:** Spring-loaded, bayonet type. Brass tin-plated. Screwdriver slotted.

**Mounting:** "Kicked" terminals (all models) and stabilizer pins on HBV model for increased stability.

**Environmental:** Ambient temperature — (-40°C to +85°C).

**Agency Approvals:**

U.L. Recognized, Guide IZLT2, File E14853;

CSA Certified, Class 6225-01, File 47235

VDE — 41421; SEMKO — 9308147 (HBH, HBV) 9222106 (HBW)

**General Information:**

- Both vertical and horizontal mounting features.
- Fuse carriers for 5mm x 20mm and 1/4" x 1 1/4" fuses. Color coded for easy identification: gray for 1/4" fuses; black for 5mm fuses.
- Fuse carriers are interchangeable.
- "Kicked" terminals for optimum wave-soldering. Stabilizes holder for consistent high quality soldering with in-wide tolerance PC board hole tooling.
- Anti-wicking terminals.
- The line-side terminal is an exclusive closed element design.
- Prevents solder flux from "wicking-up" into the holder body.
- Corner pins integral to the HBV holder body give additional stability to holders for wave-soldering and reduce mechanical stress that might be imposed on contact pins during service.

**Individual Components — PC Board Fuseholders**

Fuseholder Body Only	
Cat. No.	Body Type
BK/HBH	Horizontal Mount
BK/HBV	Vertical Mount w/Stability Pins
BK/HBW	Vertical Mount w/o Stability Pins
Fuseholder Carrier Only	
BK/FBI	1/4" x 1 1/4"
BK/FBM	5mm x 20mm

CE logo denotes compliance with European Union Low Voltage Directive (50-1000 Vac, 75-1500 Vdc). Refer to BIF document #8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.