

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.