Printed Circuit Board Fuseholders
For ¼″ × 1¼″ and 5mm × 20mm Fuses

HB
Series

Model	Fuse Size	Cat. No. (Carrier & Body)	Agency Listings	Dimensions (±.005″, ±.13mm)	Mounting Dimensions
Horizontal Mount	¼″ × 1¼″	HBH-I	U.L. CSA VDE SEMKO	0.444 " (11.2mm), 1.77" (45.0mm), 0.460" (11.1mm), 0.490" (12.0mm), 0.240" (6.1mm), 0.200" (5.1mm), 0.040" (1.0mm), 0.135"min (3.4mm min)	0.469" (12.0mm), 0.050" Dia. 3 Holes (1.3mm), 0.600" (15.2mm), 0.700" (17.8mm), 0.250" (6.4mm), Panel, PC Board
	5mm × 20mm	HBH-M			
Vertical Mount With Stability Pins	¼″ × 1¼″	HBV-I	U.L. CSA VDE SEMKO	0.510" (13.0mm), 1.855" (47.0mm), 0.040" (1.05mm), 0.580" (14.9mm), HBV, HBW	0.200" (5.0mm), 0.100" Dia. 4 Holes (2.54mm), 0.200" (5.0mm), 0.531" (13.5mm), 0.400" (10.0mm), 0.050" Dia. 2 Holes (1.3mm), Panel, PC Board
	5mm × 20mm	HBV-M			
Vertical Mount Without Stability Pins	¼″ × 1¼″	HBW-I	U.L. CSA VDE SEMKO		0.531" (13.5mm), 0.050" Dia. 2 Holes (1.3mm), 0.400" (10.0mm), Panel, PC Board
	5mm × 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)

CE 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.

General Information:
- Both vertical and horizontal mounting features.
- Fuse carriers for 5mm × 20mm and ¼″ × 1¼″ fuses. Color coded for easy identification: gray for ¼″ 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	¼″ × 1¼″
BK/FBM	5mm × 20mm