

Fuse Holders

HB PCB Series (HBH, HBV, HBW)

Description

- For $\frac{1}{4}$ " x $1\frac{1}{4}$ " and 5 x 20mm fuses
- Fuse carriers are interchangeable
- Carriers are color coded for easy identification:
 - Gray for $\frac{1}{4}$ " diameter fuses
 - Black for 5mm fuses
- Vertical and horizontal body mounting versions
- Fuse carrier and knob are spring loaded bayonet type with screwdriver slot
- "Kicked" terminals (all models) for optimum wave-soldering
- Stabilizer pins on HBV model
- High dielectric molded thermoplastic meets UL 94V0



Resistance Ratings

- Insulation resistance: 10,000 megaohm at 500Vdc
- Contact resistance: Less than 0.005 ohms at 200mV

Dielectric Strength

- Dielectric strength: Over 200V/mil

Agency Information

- CE, VDE 4009241 (HBV, HBW) SEMKO 800444
- UL Recognized: IZLT2, E14853
- CSA Certified: Class 6225-01, File 47235

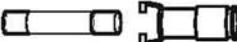
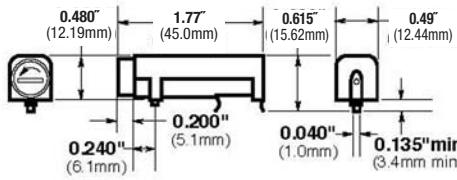
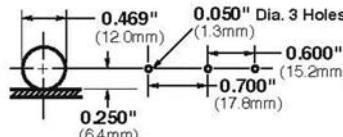
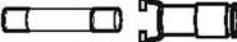
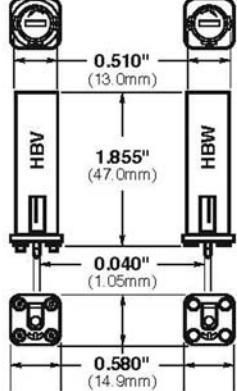
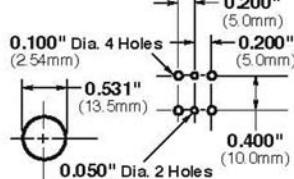
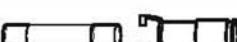
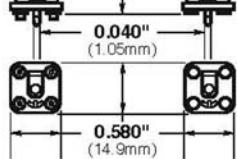
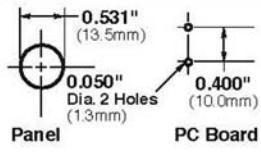
Environmental Data

- Operating Temperature: (-40°C to + 85°C)
- Temperature rating (RTI): The mounting body for all devices has a temperature rating of 150°C. The knob for all devices has a temperature rating of 130°C.

Ordering

- Specify packaging, product, and option code

Catalog Number	Fuse Holder		Voltage Rating Volts	Current Rating (amps) Agency Approval			
	Body Mount	Carrier Size		UL	CSA	VDE	SEMKO
HBH-I	Horizontal	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	250	16	12	—	10
HBH-M	Horizontal	5 x 20mm	250	16	12	—	10
HBV-I	Vertical w/ Stability Pins	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	250	16	12	6.3	10
HBV-M	Vertical w/ Stability Pins	5 x 20mm	250	16	12	6.3	10
HBW-I	Vertical w/o Stability Pins	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	250	16	12	6.3	10
HBW-M	Vertical w/o Stability Pins	5 x 20mm	250	16	12	6.3	10
HBH	Horizontal	na	250	16	12	—	10
HBV	Vertical w/ Stability Pins	na	250	16	12	6.3	10
HBW	Vertical w/o Stability Pins	na	250	16	12	6.3	10
FBI	na	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	—	—	—	—	—
FBM	na	5 x 20mm	—	—	—	—	—

Model	Fuse Size	Cat. No. (Carrier & Body)	Agency Listings	Dimensions ($\pm .005"$, $\pm .13\text{mm}$)	Mounting Dimensions
Horizontal Mount					
			U.L. CSA SEMKO		 Panel
	$\frac{1}{4}'' \times 1\frac{1}{4}''$ 5 x 20mm	HBH-I HBH-M			 PC Board
Vertical Mount With Stability Pins					
			U.L. CSA VDE SEMKO		 Panel
	$\frac{1}{4}'' \times 1\frac{1}{4}''$ 5 x 20mm	HBV-I HBV-M			 PC Board
Vertical Mount Without Stability Pins					
			U.L. CSA VDE SEMKO		 Panel
	$\frac{1}{4}'' \times 1\frac{1}{4}''$ 5 x 20mm	HBW-I HBW-M			 PC Board

NOTE: Carriers do not fit panel-mounted fuseholders.

Packaging Code

Packaging Code Prefix	Description
Blank	10 fuse holders packed into a carton
BK	100 fuse holders packed into a cardboard shelf package

Option Code

Option Code Suffix	Description
-R	RoHS compliant version

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