COOPER Bussmann

# Fuse Holders

## HB PCB Series (HBH, HBV, HBW)

### Description

- For ¼" x 1 ¼" and 5 x 20mm fuses
- Fuse carriers are interchangeable
- Carriers are color coded for easy identification:
  - Gray for ¼" 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

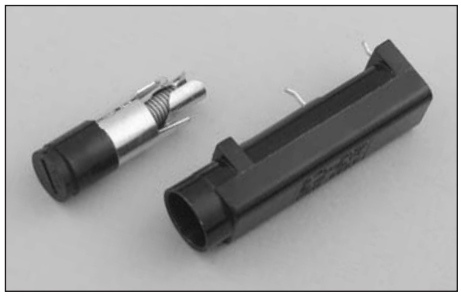
### Dielectric Strength

- 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

RoHS 2002/95/EC



### Environmental Data

- Operating Temperature: (-40ºC to + 85ºC )
- 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

**Specifications**

| Catalog Number | Fuse Holder | | Voltage Rating | Current Rating (amps) Agency Approval | | | |
|---|---|---|---|---|---|---|---|
| | Body Mount | Carrier Size | Volts | UL | CSA | VDE | SEMKO |
| **HBH-I** | Horizontal | ¼" x 1 ¼" | 250 | 16 | 12 | – | 10 |
| **HBH-M** | Horizontal | 5 x 20mm | 250 | 16 | 12 | – | 10 |
| **HBV-I** | Vertical w/ Stability Pins | ¼" x 1 ¼" | 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 | ¼" x 1 ¼" | 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 | ¼" x 1 ¼" | – | – | – | – | – |
| **FBM** | na | 5 x 20mm | – | – | – | – | – |

| Model | Fuse Size | Cat. No. (Carrier & Body) | Agency Listings | Dimensions (±.005", ±.13mm) | Mounting Dimensions |
|---|---|---|---|---|---|
| Horizontal Mount | ¼" × 1¼" | HBH-I | U.L. CSA SEMKO | 0.480" (12.19mm), 1.77" (45.0mm), 0.615" (15.62mm), 0.49" (12.44mm), 0.200" (5.1mm), 0.240" (6.1mm), 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 |
| | 5 x 20mm | HBH-M | | | |
| Vertical Mount With Stability Pins | ¼" × 1¼" | HBV-I | U.L. CSA VDE SEMKO | 0.510" (13.0mm), HBV, HBW, 1.855" (47.0mm) | 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 |
| | 5 x 20mm | HBV-M | | | |
| Vertical Mount Without Stability Pins | ¼" × 1¼" | HBW-I | U.L. CSA VDE SEMKO | 0.040" (1.05mm), 0.580" (14.9mm) | 0.531" (13.5mm), 0.050" Dia. 2 Holes (1.3mm), 0.400" (10.0mm), Panel, PC Board |
| | 5 x 20mm | HBW-M | | | |

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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