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

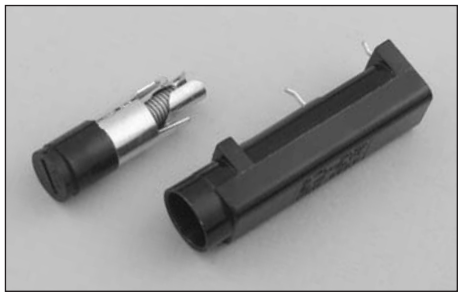
Dielectric Strength

- 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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