

# Buss High Voltage Fuses

## 1000 - 10,000 Volts

# HV Series



CATALOG SYMBOL: HVA, HVB, HVJ, HVL, HVR, HVT, HVU, HVW, AND HVX  
NON-TIME DELAY  
1000 TO 10,000 VOLTS

**13/32" and 13/16" x Length**  
(10.3mm and 20.6mm x Length)  
**For High Voltage Circuits**

- Non-Time Delay fuses for high voltage instruments and circuits.
- Physical size varies with electrical rating of fuse to prevent over-fusing.
- Use HVA, HVB, HVJ and HVL for circuits up to 20kw dc or 30 KVA ac. For higher interrupting capacity, use HVR, HVT, HVU, HVW and HVX.

### Test Specifications

| Catalog Number | Load | Opening Time |
|----------------|------|--------------|
| HVA            | }    | 110%         |
| HVB            |      |              |
| HVJ            |      |              |
| HVL            |      |              |
| HVR            | }    | 135%         |
| HVT            |      |              |
| HVU            |      |              |
| HVW            |      |              |
| HVX            |      |              |

### HVA (1000 Volts)

| Amps | Dia.  | Length |    | *Wt./100 |    |
|------|-------|--------|----|----------|----|
|      |       | In.    | mm | Lbs.     | Kg |
| 1/16 | 3/4   |        |    |          |    |
| 1/8  | 1     |        |    |          |    |
| 1/4  | 1-1/2 |        |    |          |    |
| 1/10 | 2     | 0.41"  | 3" | 76.1     | 2  |
| 2/10 | 3     |        |    |          |    |
| 3/10 | 4     |        |    |          |    |
| 3/8  | 6     |        |    |          |    |
| 1/2  | 10    |        |    |          |    |

### HVB (2500 Volts)

|     |       |       |      |       |   |
|-----|-------|-------|------|-------|---|
| 1/2 | 1-1/2 |       |      |       |   |
| 3/4 | 2     | 0.41" | 4.5" | 114.2 | 3 |
| 1   | 3     |       |      |       |   |

### HVJ (5000 Volts)

|      |       |       |    |       |   |
|------|-------|-------|----|-------|---|
| 1/16 | 1-1/2 |       |    |       |   |
| 1/8  | 2     |       |    |       |   |
| 1/4  | 4     | 0.81" | 5" | 126.9 | 9 |
| 1/2  | 6     |       |    |       |   |
| 3/4  | 10    |       |    |       |   |
| 1    | —     |       |    |       |   |

### HVL (10,000 Volts)

|      |       |       |     |       |    |
|------|-------|-------|-----|-------|----|
| 1/16 | 1     |       |     |       |    |
| 1/8  | 1-1/2 |       |     |       |    |
| 1/4  | 2     | 0.81" | 10" | 253.8 | 15 |
| 1/2  | 3     |       |     |       |    |

### HVR (1000 Volts) (max. S.C. KVA-500)

|     |   |       |    |      |   |
|-----|---|-------|----|------|---|
| 1/2 | 3 |       |    |      |   |
| 1   | 4 | 0.41" | 3" | 76.1 | 3 |
| 2   | 5 |       |    |      |   |

### HVT (2500 Volts) (max. S.C. KVA-1250)

|     |   |       |      |       |   |
|-----|---|-------|------|-------|---|
| 1/2 | 3 |       |      |       |   |
| 1   | 5 | 0.41" | 4.5" | 114.2 | 4 |
| 2   | — |       |      |       |   |

### HVU (5000 Volts) (max. S.C. KVA-2500)

|     |   |       |    |       |    |
|-----|---|-------|----|-------|----|
| 1/2 | 3 |       |    |       |    |
| 1   | 4 | 0.81" | 5" | 126.9 | 19 |
| 2   | 5 |       |    |       |    |

### HVW (1200 Volts) (max. S.C. KVA-5000)

|     |   |       |       |      |   |
|-----|---|-------|-------|------|---|
| 1/2 | 3 |       |       |      |   |
| 1   | 4 | 0.41" | 2.25" | 57.1 | 2 |
| 2   | 5 |       |       |      |   |
|     | 8 |       |       |      |   |

### HVX (10,000 Volts) (max. S.C. KVA-12,000)

|     |   |       |       |       |    |
|-----|---|-------|-------|-------|----|
| 1/2 | 3 |       |       |       |    |
| 1   | 5 | 0.41" | 10.0" | 253.8 | 36 |

\*Shipping.

Carton quantity: 10.

# Buss High Voltage Fuses

## 1000 - 10,000 Volts

# HV Series

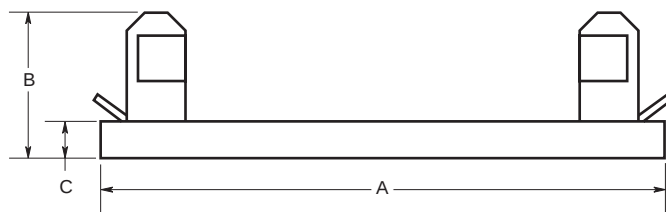


CATALOG SYMBOL: 4528, 4529, 4530, AND 2960  
FUSE BLOCKS

### For BUSS High Voltage Fuses (1000 to 10,000 Volts)

- Bakelite base.
- Alloy plated terminals.

### Dimensional Data



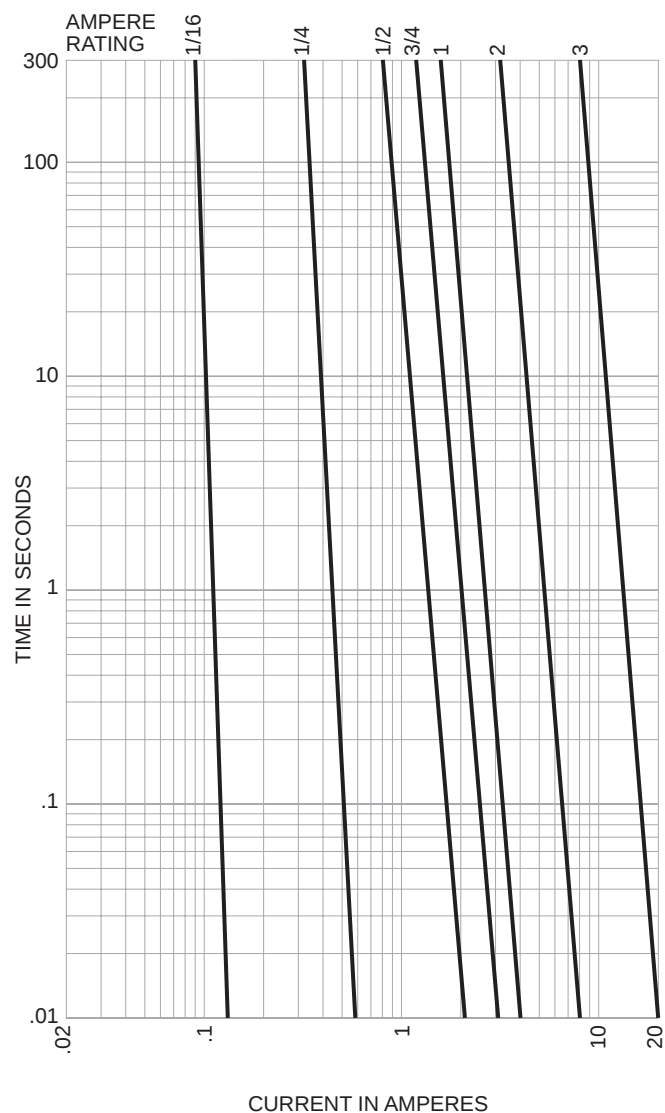
| For<br>Fuse<br>Sym. | Bock<br>Cat.<br>No. | *Dimensions<br>Inches/(mm's) |        |        | Base<br>Width |
|---------------------|---------------------|------------------------------|--------|--------|---------------|
|                     |                     | A                            | B      | C      |               |
| HVA                 | 4528                | 3.75"                        | 1.125" | 0.38"  | 1.0"          |
| HVR                 |                     | (95.3)                       | (28.6) | (9.5)  | (25.4)        |
| HVB                 | 4529                | 5.25"                        | 1.125" | 0.38"  | 1.0"          |
| HVT                 |                     | (133.4)                      | (28.6) | (9.5)  | (25.4)        |
| HVJ                 | 4530                | 6.5"                         | 1.66"  | 0.5"   | 1.38"         |
| HVU                 |                     | (165.1)                      | (42.1) | (12.7) | (34.9)        |
| HVL                 | 2960                | 11.44"                       | 1.45"  | 0.75"  | 1.38"         |
| HVX                 |                     | (290.5)                      | (48.4) | (19.1) | (34.9)        |

\*Two mounting holes:

Use #8 screws on blocks 4528 and 4529.

Use #10 screws on blocks 4530 and 2960.

### Time-Current Characteristic Curves—Average Melt



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