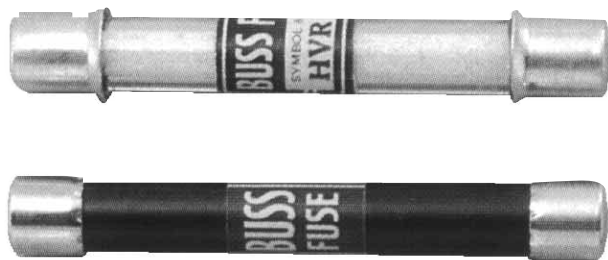


Buss High Voltage Fuses

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% | 4 Hours (min.) |
| HVB | | |
| HVJ | | |
| HVL | | |
| HVR | 100% | 4 Hours (min.) |
| 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 |

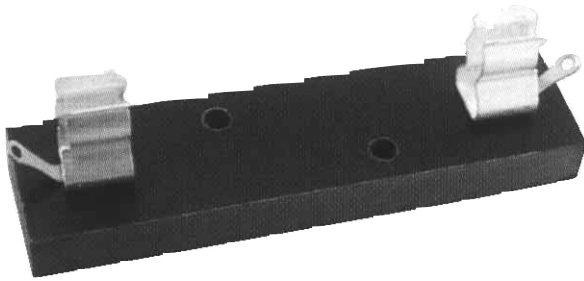
*Shipping.

Carton quantity: 10.

Buss High Voltage Fuses

1000 - 10,000 Volts

HV Series

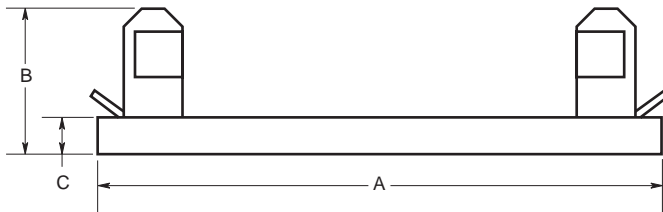


CATALOG SYMBOL: 4528, 4529, 4530, AND 2960
FUSE BLOCKS

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

- Bakelite base.
- Alloy plated terminals.

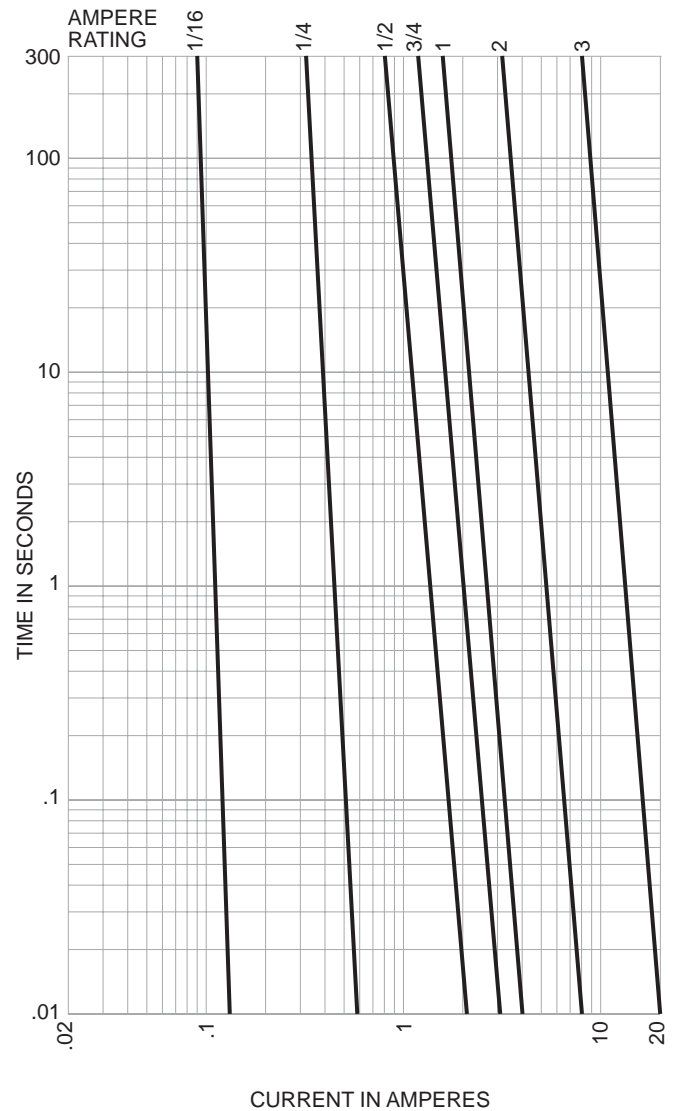
Dimensional Data



| For Fuse Sym. | Bock Cat. No. | *Dimensions | | | Base 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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