

# Medium Voltage Fuses

## Fast-acting fuses

**HVA, HVB,  
HVJ, HVL,  
HVR, HVT,  
HVU, HVW &  
HVX**



**Specifications**

**Description:** Medium voltage, non-time delay, fast-acting fuses.

**Dimensions:** See Basic Catalog Numbers table.

**Ratings:**

Volts: — 1-10kV (See Basic Catalog Numbers table)

Amps: — 1/6-2A (See Basic Catalog Numbers table)

**Features and Benefits**

- Physical size varies with electrical rating of fuse to prevent over-fusing.
- Space saving size.

**Typical Applications**

- Medium voltage instrument protection
- Medium voltage circuit protection

**Test Specifications**

| Basic Catalog Numbers   | Load / Opening Time                         |
|-------------------------|---|
| HVA, HVB, HVJ, HVL      | 110% / 4 Hours (min)<br>135% / 1 Hour (max) |
| HVR, HVT, HVU, HVW, HVX | 100% / 4 Hours (min)<br>150% / 1 Hour (max) |



**Fuse blocks:** 4528, 4529, 4530 & 2960

**Voltage Rating:** 1000 to 10,000V

| Basic Catalog Numbers | Fuse Block Catalog Number |
|-----------------------|---------------------------|
| HVA, HVR              | 4528                      |
| HVB, HVT              | 4529                      |
| HVJ, HVU              | 4530                      |
| HVL, HVX              | 2960                      |

Use #8 screws on blocks 4528 and 4529.  
Use #10 screws on blocks 4530 and 2960.

| Basic Catalog Number | kV  | Amp Ratings  | Maximum S.C.       | Dimensions - in (mm) |              |
|----------------------|-----|--|--------------------|----------------------|--------------|
|                      |     |  |                    | Diameter             | Length       |
| HVA                  | 1   | 1/6, 1/10, 1/8, 3/10, 1/4, 3/10, 3/8, 1/2, 3/4, 1, 1 1/2, 2, 3, 4, 6, 10 | 20kW dc/30kVA ac   | 0.41 (10.4)          | 3 (76.1)     |
| HVB                  | 2.5 | 1/2, 3/4, 1, 1 1/2, 2, 3   | 20kW dc/30kVA ac   | 0.41 (10.4)          | 4.5 (114.2)  |
| HVJ                  | 5   | 1/6, 1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 4, 6, 10                           | 20kW dc/30kVA ac   | 0.81 (20.6)          | 5 (126.9)    |
| HVL                  | 10  | 1/6, 1/8, 1/4, 1/2, 1, 1 1/2, 2, 3                                       | 20kW dc/30kVA ac   | 0.81 (20.6)          | 10 (254)     |
| HVR                  | 1   | 1/2, 1, 2, 3, 4, 5   | kVA-500 ac only    | 0.41 (10.4)          | 3 (76.2)     |
| HVW                  | 1.2 | 1, 2, 3, 4, 5, 8   | kVA-12,000 ac only | 0.41 (10.4)          | 2.25 (57.1)  |
| HVT                  | 2.5 | 1/2, 1, 2, 3, 5  | kVA-1250 ac only   | 0.41 (10.4)          | 4.5 (114.2)  |
| HVU                  | 5   | 1/2, 1, 2, 3, 4, 5   | kVA-2500 ac only   | 0.81 (20.6)          | 5 (126.9)    |
| HVX                  | 10  | 1/2, 1, 3, 5   | kVA-5,000 ac only  | 0.41 (10.4)          | 10.0 (253.8) |

**Catalog Number Build-A-Code**

| kV  | Basic Catalog Number | Amps |
|-----|----------------------|------|
| --- | -----                | ---  |