

## Medium Voltage Fuses

### Potential transformer fuses

#### AB, AM and CAV



#### Specifications

**Description:** British Standard VT fuses with low current ratings for use in voltage transformers or operating transformers to provide isolation of the associated system in the event of faults in the transformer circuit.

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

#### Ratings:

E-Rated: — See single asterisk in Basic Catalog Numbers table

Volts: — 3.6-38kV (See Basic Catalog Numbers table)

Amps: — 2-15A (See Basic Catalog Numbers table)

IR: — 25-80kA (See Basic Catalog Numbers table)

**Agency Information:** BS2692-1 and IEC60282-1

#### Features and Benefits

- Physically dimensioned for retrofitting in existing hardware.
- Space saving size.

#### Typical Applications

- Medium Voltage Potential Transformers
- Small Medium Voltage Service Transformers

#### Basic Catalog Numbers for “AB” & “AM” Series

Basic Cat. Numbers	Volts	Amp Ratings	Type	Dimensions - in (mm)		IR
				Length	Diameter	
ABWNA	3.6kV	3.15, 6.3	AB	5.6 (142.2)	1 (25.4)	50KA
ABCNA	3.6kV	3.15, 6.3, 10	AB	7.69 (195.3)	1 (25.4)	50KA
ABWNA*	5.5kV	0.5, 1, 2, 3, 5	AB	5.6 (142.2)	1 (25.4)	50KA
AMWNA*	5.5kV	0.5, 1.0, 2.0, 3.0, 4.0, 5.0	AM	5.6 (142.2)	0.81 (20.6)	50KA
ABWNA	7.2kV	3.15, 6.3	AB	5.6 (142.2)	1 (25.4)	45KA
ABCNA	7.2kV	3.15, 6.3	AB	7.69 (195.3)	1 (25.4)	45KA
ABCNA	12.0kV	3.15	AB	7.69 (195.3)	1 (25.4)	45KA
ABFNA	15.5kV	3.15	AB	10.00 (254)	1 (25.4)	32KA
ABGNA	17.5kV	3.15	AB	14.13 (358.9)	1 (25.4)	35KA
ABGNA	24.0kV	3.15	AB	14.13 (358.9)	1 (25.4)	25KA
ABGNA**	36.0kV	3.15	AB	14.13 (358.9)	1 (25.4)	31.5KA

Recommended fuse clip for 1 diameter fuses – A3354705.

#### Basic Catalog Numbers for “CAV” Series

Basic Cat. Number	Volts	Amp Ratings	Dimensions - in (mm)		IR
			Length	Diameter	
CAV	3.6kV	2	8.66 (220)	1.63 (41.4)	50KA
CAV*	5.5kV	15	7.375 (187.3)	1.63 (41.4)	50KA
CAVH*	5.5kV	0.5, 1, 2	7.375 (187.3)	1.63 (41.4)	50KA
CAV	7.2kV	2, 10	8.66 (220)	1.63 (41.4)	40KA
CAV	12kV	2	8.66 (220)	1.63 (41.4)	40KA
CAV*	15.5kV	0.5, 1, 2, 3, 7	12.87 (326.9)	1.63 (41.4)	80KA
CAVH*	15.5kV	0.5, 1, 2	12.87 (326.9)	1.63 (41.4)	80KA
CAV	17.5kV	2, 4, 6, 10	8.66 (220)	1.63 (41.4)	40KA
CAV	24kV	2, 3, 4	13.39 (340.1)	1.63 (41.4)	40KA
CAV	36kV	2, 4	17.32 (439.9)	1.63 (41.4)	40KA
CAVH	36kV	2	17.32 (439.9)	1.63 (41.4)	40KA
CAV*	38kV	4	17.32 (439.9)	1.63 (41.4)	40KA
CAVH*	38kV	0.5, 1, 2	17.32 (439.9)	1.63 (41.4)	40KA

Type CAVH are fitted with a striker pin for indication.

\* E-Rated fuses

\*\*For clean indoor applications only.

#### Catalog Number Build-A-Code

kV      Basic Catalog Number      Amps

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Recommended Fuse Clips: 1" dia. - A3354705, 1.63" dia. - 1A0835, .819 dia. - 1A1837  
Contact Cooper Bussmann for complete specifications on Potential Transformer Fuses