

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	
3.6ABWNA	3.6kV	3.15, 6.3	AB	5.6 (142.2)	1 (25.4)	50KA
3.6ABCNA	3.6kV	3.15, 6.3, 10	AB	7.69 (195.3)	1 (25.4)	50KA
5.5ABWNA*	5.5kV	0.5, 1, 2, 3, 5	AB	5.6 (142.2)	1 (25.4)	50KA
5.5AMWNA*	5.5kV	0.5, 1.0, 2.0, 3.0, 4.0, 5.0	AM	5.6 (142.2)	0.81 (20.6)	50KA
7.2ABWNA	7.2kV	3.15, 6.3	AB	5.6 (142.2)	1 (25.4)	45KA
7.2ABCNA	7.2kV	3.15, 6.3	AB	7.69 (195.3)	1 (25.4)	45KA
12ABCNA	12.0kV	3.15	AB	7.69 (195.3)	1 (25.4)	45KA
15.5ABFNA	15.5kV	3.15	AB	10.00 (254)	1 (25.4)	32KA
17.5ABGNA	17.5kV	3.15	AB	14.13 (358.9)	1 (25.4)	35KA
24ABGNA	24.0kV	3.15	AB	14.13 (358.9)	1 (25.4)	25KA
36ABGNA**	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	
3.6CAV	3.6kV	2	8.66 (220)	1.63 (41.4)	50KA
5.5CAV*	5.5kV	15	7.375 (187.3)	1.63 (41.4)	63KA
5.5CAVH*	5.5kV	0.5, 1, 2	7.375 (187.3)	1.63 (41.4)	63KA
7.2CAV	7.2kV	2, 4, 6, 10	8.66 (220)	1.63 (41.4)	63KA
12CAV	12kV	2	8.66 (220)	1.63 (41.4)	40KA
15.5CAV*	15.5kV	0.5, 1, 2, 3, 5, 7	12.87 (326.9)	1.63 (41.4)	80KA
15.5CAVH*	15.5kV	0.5, 1, 2	12.87 (326.9)	1.63 (41.4)	80KA
17.5CAV	17.5kV	2, 4, 6, 10	8.66 (220)	1.63 (41.4)	40KA
24CAV	24kV	2, 3, 4	13.39 (340.1)	1.63 (41.4)	40KA
36CAV	36kV	2, 4	17.32 (439.9)	1.63 (41.4)	40KA
36CAVH	36kV	2	17.32 (439.9)	1.63 (41.4)	40KA
38CAV*	38kV	4	17.32 (439.9)	1.63 (41.4)	40KA
38CAVH*	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