Selection Table

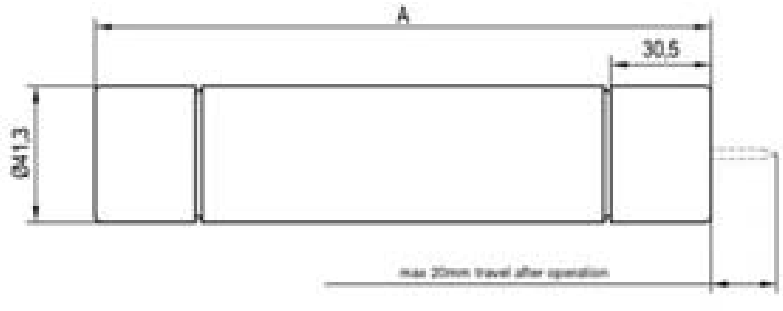
Table of ratings for voltage transformer fuses, 3.6 - 38kV type CAV

Part Number	Voltage Rating U_N kV	Current Rating I_N A	Breaking Capacity I_1 kA	Cold resistance in free air at rated current Ω	Joule Integral $\int I^2 dt$ A^2s Minimum Pre-Arcing	Joule Integral $\int I^2 dt$ A^2s Maximum Total Clearing	Length mm	Diameter Ø mm	Weight kg
3.6CAV2	3.6	2	50	0.492	6.20×10^{2}	1.80×10^{3}	220	41.3	0.7
5.5 CAV15E	5.5	15	50	0.488	5.50×10^{2}	3.60×10^{3}	187	41.3	0.8
5.5CAVH0.5E 5.5CAVH1E 5.5CAVH2E	5.5 5.5 5.5	0.5 1 2	50 50 50	12.1 12.1 0.388	1.40×10^{1} 1.40×10^{1} 1.80×10^{1}	9.00×10^{1} 9.00×10^{1} 1.10×10^{2}	187 187 187	41.3 41.3 41.3	0.8 0.8 0.8
7.2CAV2 7.2CAV4 7.2CAV6 7.2CAV10	7.2 7.2 7.2 7.2	2 4 6 10	40 40 40 40	0.880 0.503 0.321 0.215	6.20×10^{2} 2.00×10^{3} 4.80×10^{3} 1.10×10^{4}	1.80×10^{3} 5.70×10^{3} 1.48×10^{4} 3.20×10^{4}	220 220 220 220	41.3 41.3 41.3 41.3	0.7 0.7 0.7 0.7
12CAV2	12	2	40	1.24	6.20×10^{2}	1.80×10^{3}	220	41.3	0.7
15.5CAV0.5E 15.5CAV1E 15.5CAV2E 15.5CAV3E 15.5CAV5E 15.5CAV7E	15.5 15.5 15.5 15.5 15.5 15.5	0.5 1 2 3 5 7	80 80 80 80 80 80	151 75.4 32.3 19.2 0.659 0.375	0.00×10^{0} 2.00×10^{0} 1.20×10^{1} 4.80×10^{1} 2.00×10^{2} 7.10×10^{2}	1.80×10^{1} 8.80×10^{1} 3.50×10^{2} 1.48×10^{3} 1.20×10^{4} 4.50×10^{4}	327 327 327 327 327 327	41.3 41.3 41.3 41.3 41.3 41.3	0.9 0.9 0.9 0.9 0.9 0.9
15.5CAVH0.5E 15.5CAVH1E 15.5CAVH2E	15.5 15.5 15.5	0.5 1 2	80 80 80	30.1 30.1 0.947	1.40×10^{1} 1.40×10^{1} 1.80×10^{1}	9.00×10^{1} 9.00×10^{1} 1.10×10^{2}	327 327 327	41.3 41.3 41.3	0.9 0.9 0.9
17.5CAV2 17.5CAV4 17.5CAV6 17.5CAV10	17.5 17.5 17.5 17.5	2 4 6 10	40 40 40 40	1.69 0.811 0.362 0.239	6.20×10^{2} 4.80×10^{3} 1.40×10^{4} 3.20×10^{4}	1.80×10^{3} 1.40×10^{4} 4.00×10^{4} 9.20×10^{4}	220 220 220 220	41.3 41.3 41.3 41.3	0.7 0.7 0.7 0.7
24CAV2 24CAV3 24CAV4	24 24 24	2 3 4	40 40 40	2.54 1.43 0.916	6.20×10^{2} 2.00×10^{3} 4.80×10^{3}	1.80×10^{3} 5.70×10^{3} 1.48×10^{4}	340 340 340	41.3 41.3 41.3	1.0 1.0 1.0
36CAV2 36CAV4	36 36	2 4	40 40	3.12 1.12	6.20×10^{2} 4.80×10^{3}	1.80×10^{3} 1.48×10^{4}	440 440	41.3 41.3	1.2 1.2
38CAV4E	38	4	40	2.42	1.20×10^{3}	3.48×10^{4}	440	41.3	1.2
38CAVH0.5E 38CAVH1E 38CAVH2E	38 38 38	0.5 1 2	40 40 40	66.5 66.5 2.20	1.40×10^{1} 1.40×10^{1} 1.80×10^{1}	9.00×10^{1} 9.00×10^{1} 1.10×10^{2}	440 440 440	41.3 41.3 41.3	1.2 1.2 1.2

- These Voltage Transformer fuse links are available in the ratings shown in the table above. CAV fuse links are suitable for indoor use in air only. Type CAVH Fuse links are fitted with striker pins which may be used for indication purposes.

Fuse Link type: CAV (Shown with striker fitted)

FUSE LINK TYPE	A
3.6CAV	220
5.5CAV 5.5CAVH	187
7.2CAV	220
12CAV	220
15.5CAV 15.5CAVH	327
17.5CAV	220
24CAV	340
36CAV	440
38CAV 38CAVH	440



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