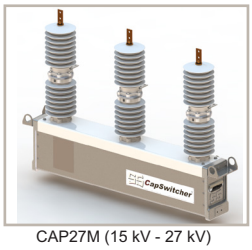
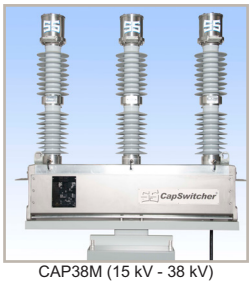
CapSwitcher® CLOSING RESISTOR SELECTION CHART

Applied Voltage (kV)	Bank Size (MVAR)	Closing Resistor Size
15.5	1 to 2	45 ohm[1]
	2.1 to 4.0	24 ohm[2]
	4.1 to 7.5	12 ohm
	7.6 to 15.0	6 ohm
27	1.5 to 3	90 ohm
	3.1 to 6	45 ohm[1]
	6.1 to 11	24 ohm[2]
	11.1 to 22	12 ohm
	22.1 to 30	10 ohm[3]
38	3 to 5	90 ohm
	5.1 TO 9	60 ohm
	9.1 to 15	30 ohm
	15.1 to 25	20 ohm
	25.1 to 40	12 ohm
48.3	4 to 18	40 ohm
	18.1 to 48	20 ohm
72.5	5 to 20	80 ohm
	20.1 to 72	40 ohm
123	15 to 40	150 ohm
	40.1 to 75	75 ohm
	75.1 to 130	37.5 ohm
145	10 to 25	300 ohm
	25.1 to 60	150 ohm
	60.1 to 120	75 ohm
	120.1 to 155	37.5 ohm
170	18 to 30	300 ohm
	30.1 to 75	150 ohm
	75.1 to 181	75 ohm

Design Platforms



CAP27M (15 kV - 27 kV)



CAP38M (15 kV - 38 kV)


CAP72 (15 kV - 72.5 kV)


CAP145/170 (38 kV - 170 kV)

Notes:
1. 40 ohm resistor supplied on CAP38M and CAP72 design platforms.
2. 30 ohm resistor supplied on CAP38M and CAP72 design platforms.
3. Only available with the CAP38M and CAP72 design platforms.
4. If you have a capacitor bank size not shown in the table above for one of these kV ratings please contact Southern States for closing resistor values and provide the bank size in MVAR adn the kV rating of the installation.
5. Additionally, if desired Southern States can analyze a customer's specific installation and recommend a resistor size based upon that installation specific requirements (i.e. kV rating of the installation, single bank switching or back-to-back switching,bank size, sequence in which banks are added - for back to back applications-, etc.)

Southern States
The Quality Name in High Voltage Switching

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