



CapSwitcher[®]

High Voltage Capacitor Switching Device

MAXIMUM VOLTAGE RATINGS

15.5 kV to 38 kV

CONTINUOUS AND CAPACITIVE CURRENT RATINGS

600 A

TRANSIENT MAKING CURRENT RATINGS

23 kA Peak at 5400 Hz

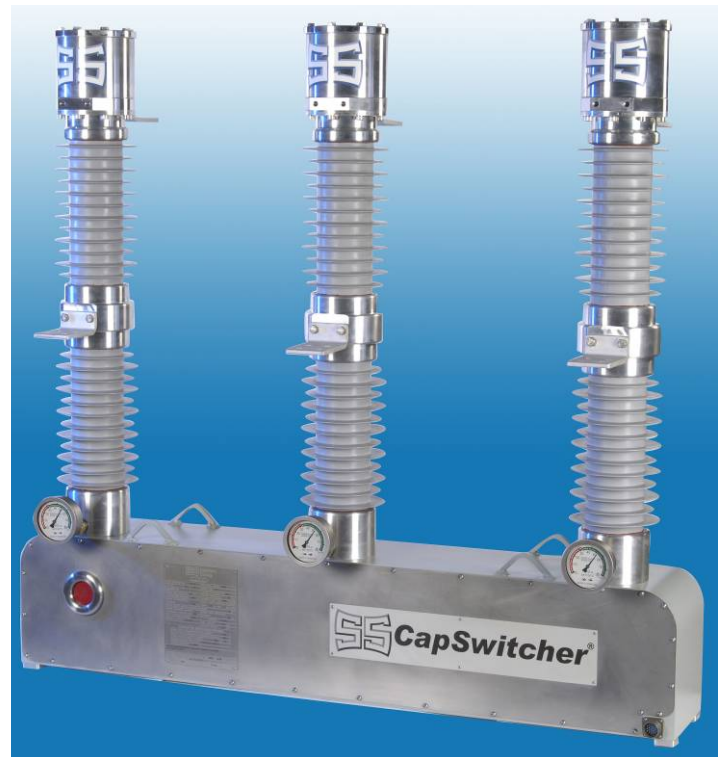
FAULT CLOSE RATINGS

25 kA

CLOSING RESISTORS FOR TRANSIENT SUPPRESSION

DESIGNED AND TESTED FOR RESTRIKE-FREE PERFORMANCE

MAINTENANCE-FREE 10,000 OPERATION



A Revolutionary Solution for a Changing Industry

In today's world of sensitive electronic devices, the need for quality power has never been greater. Southern States *CapSwitcher*[®] high voltage capacitor switching device has been specifically developed to meet this need. This reliable, long-life, special purpose SF₆ capacitor switch is available for application on:

- Single Bank
- Back-to-Back Banks
- Grounded or Ungrounded Banks



The Quality Name In High Voltage Swit

CapSwitcher[®]

High Voltage Capacitor Switching Device

Key Advantages:

- Circuit making occurs in SF₆ gas rather than in air
- Closing resistors provide reliable and consistently repeatable transient suppression
- Designed and tested for restrike-free performance
- Ships as single piece thus minimizing field installation time required
- Single mechanism spring operator provides reliable long-life performance
- Puffer interrupters provide long contact life and fault closing capability
- Pressure gauge on each interrupter provides local visual gas system status
- Current limiting inductor requirement common to competitor's equipment is eliminated through the use of resistors having high peak current withstand capability
- Can mount on capacitor bank's rack if desired
- Directly retrofits into installations which previously used vacuum capacitor switches or oil capacitor switches
- Interfaces with various types of customer furnished capacitor switch controls
- Southern States 5-year warranty promises trouble-free operation

Ratings			
Maximum Voltage	15.5 kV	27 kV	38 kV
BIL	110 kV	150 kV	200 kV
Continuous Current	600 A		
Capacitive Switching Current	600 A		
Closing Resistor Value	6 Ω, 10 Ω, or 20 Ω	12 Ω, 20 Ω, or 30 Ω	12 Ω, 30 Ω, or 90 Ω
Fault Close Rating	25 kA		
High Frequency Transient Making Current	23 kA peak at 5400 Hz		
Endurance Life	10,000 operations		
Ambient Temperature Rating	-50° C to +50° C standard		



The Quality Name In High Voltage Switching

Note: For dimensional information on the *CapSwitcher*[®] please contact Southern States for drawing(s) of the rating(s) of interest.

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