

CSV-DB

Vertical Interrupter Circuit Switcher With Integral Double End Break Vee Switch

- 123 kV – 170 kV
- Up to 4000 A Continuous Current
- Up to 40 kA Primary Fault Current Interrupting
- 3 Cycle Interrupting Speed
- 5 Time 40 kA Fault Closing
- Manual or Motor Operation of the Switch



Southern States Circuit Switcher Line Expands To Include Vertical Circuit Switcher With Integral Disconnect Switch Offering

Now the Southern States circuit switcher line is truly complete, as the addition of the CSV-DB combines the high interrupting rating, fast fault clearing capability of the CSV with the visual isolation feature of the RDA-1V into a single, integrated package. The CSV-DB is available for applications requiring:

- Power Transformer Switching and Protection
- Capacitor Switching (Non-Transient Mitigating) and Protection
- Reactor Switching and Protection
- Bus Switching and Protection
- Line Switching and Protection
- Cable Switching and Protection



The Quality Name In High Voltage Switching

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Key Advantages

- 3 cycle interrupting speed minimizes system disturbance
- 40 kA interrupting capability allows application in high fault current installations
- Protection and isolation are accomplished via a single device in a compact footprint with a minimum number of foundations required
- Puffer interrupters provide long contact life and multi-time fault closing capability
- Simple, easy erection minimizes field installation time required
- Ships with minimal gas pressure for safety during transportation and in handling during installation
- Adaptable to a wide variety of installation height requirements
- Single mechanism spring operator on circuit switcher provides reliable long-life performance
- Either manual or motor operation of the disconnect switch can be provided
- Disconnect switch portion is not required to operate each time the interrupter operates but can be furnished to do so if desired
- Double end break Vee switch design requires a minimum of phase spacing
- Local visual indication of gas system provided by an SF₆ pressure gauge
- Gas density switch with low pressure alarm and low pressure lockout contacts for remote status monitoring
- Southern States 5-year warranty promises trouble-free operation



Ratings

Maximum Voltage	123 kV	145 kV	170 kV
BIL	550 kV	650 kV	750 kV
Continuous Current	1200 A	1200 A	1200 A
	1600 A	1600 A	1600 A
	2000 A	2000 A	2000 A
	3000 A	3000 A	3000 A
	4000 A	4000 A	4000 A
Primary Fault Current	20 kA	20 kA	20 kA
	25 kA	25 kA	25 kA
	31.5 kA	31.5 kA	31.5 kA
Interrupting	40 kA	40 kA	40 kA
Interrupting Time	3 cycles	3 cycles	3 cycles
Number of Full Fault Operations	10	10	10
Fault Closing Rating	5 time	5 time	5 time
	40 kA	40 kA	40 kA
Ambient Temperature Range	-40° C to +50° C standard -50° C to +50° C optional		



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