



TA-OC

Copper Vertical
Break Switch

The copper live parts vertical break workhorse of your subtransmission and distribution system.

For over 35 years the TA-OC switch has been providing rock solid reliable service for utilities around the world, and it remains today as strong a performer as ever. Beautiful in its simplicity and highly adaptable to a variety of mounting positions and structure types, the TA-OC is equally at home when purchased for project specific needs or as a stock switch emergency backup for installation whenever and wherever needed. The TA-OC is available for all air break switch applications.

BENEFITS

- Meets all ANSI standards
- Suitable for horizontal upright, vertical, or underhung mounting
- It operates with either a manual operator or a Southern States type VM-1 motor operator

SPECIFICATIONS

Maximum Voltage Rating

15.5 kV – 72.5 kV

Continuous Current Rating

600 A - 1200 A

TA-OC

Copper Vertical
Break Switch



RATINGS					
Maximum Voltage Rating (kV)	15.5	27	38	48.3	72.5
BIL (kV)	110	150	200	250	350
Rated Power Frequency	60 Hz				
Continuous Current	600 A		1200 A		
Short-Time Symmetrical Withstand (3 Sec)	25 kA RMS		38 kA RMS		
Peak Withstand	65 kA		99 kA		
Ambient Temperature Rating	-40°C to +50° Standard -50°C Optional				

KEY FEATURES

- Copper live part construction
- 6 hole NEMA tin plated copper terminal pads
- Sealed, threaded hinge current transfer
- Reverse loop jaw contact fingers with silver-to-silver current transfer surfaces
- Single channel base design
- Slant jaw end insulator version also available
- Maintenance free bearings
- Can be furnished with a wide variety of accessories

Additional Applications

- Line disconnecting
- Line sectionalizing
- Isolation of other substation equipments (circuit breakers, circuit switchers, power transformers, etc)
- Bypassing other substation equipment
- Bus tie positions
- Magnetizing current interrupting (when furnished with appropriate arcing horns)
- Load breaking/loop splitting/line dropping/bus dropping/cable dropping (when furnished with appropriate arcing horns or interrupters)