

HUBBELL Power Systems

Vertical Break Vee Switch, Aluminum (AVRV)

By USCO

The AVR V is a three insulator, vertical break outdoor air disconnect switch constructed primarily of aluminum. Operation is accomplished by rotation of the rear insulator. Unique construction methods proven through years of field experience, coupled with simple design concepts provide ease of operation.



*Representative Image

Features

- Fully Compliant with ANSI/IEEE C37.30.1
- Vertical Break Operation
- Slanted Jaw Insulator for Compact Mounting Requirements
- 27kV - 245kV
- 1200A - 3000A
- Rotating Blade Mechanism
- Reverse Loop Contacts
- Laminated Shunt Hinge
- Double Row Stainless Steel Bearing
- Compatible with Turner TECORupter Interrupter Attachments
- Operated with Swing Handle, Gear Box or Motor Operator

Application

The AVR V is often used in three-phase line or substation applications such as transformer or line disconnecting, breaker isolating, bypassing or bus sectionalizing. The AVR V can be operated by either manual control or by motor operator. The AVR V can also be used in a variety of mounting conditions where a vertically operated small footprint switch is required.

General

Material Aluminum
Type Vertical Break

Electrical Ratings

BIL	<ul style="list-style-type: none">• 1050 kV• 900 kV• 750 kV• 650 kV• 550 kV• 350 kV• 250 kV• 200 kV
Current Rating	<ul style="list-style-type: none">• 1200 A• 2000 A• 3000 A
Voltage Rating	<ul style="list-style-type: none">• 38 kV• 48.3 kV• 72.5 kV• 123 kV• 145 kV• 170 kV

Product Assets

[Installation Manuals - AVR AVR V Instruction Manual](#)

[Installation Manuals - Type AVR Counterbalance Installation Guide](#)

[Literature - AVR V - ALUMINUM VERTICAL BREAK](#)

[Specifications - Vertical Break Vee Switch, Aluminum \(AVRV\)](#)