Westinghouse

Type VRT-3 Outdoor Disconnecting Switch

3 Pole Group-Operated
115 through 161 Kv
600, 1200, 1600 and 2000 Amps

Application
The Type VRT-3 vertical break outdoor disconnecting switches utilize the 3 inch bolt circle insulators and can be obtained with cap and pin or station post insulators. The VRT-3 is a 3 pole gang operated switch that can be furnished with either manual or motor operating mechanisms.

Advantages
Reverse loop tin plated copper break jaw.

Silver plated break jaw contact surfaces.

Tubular aluminum blade with copper removable contact tip.

Adjustable rotating insulator stop.

NEMA 4 hole terminal pads.

3 inch bolt circle insulators (cap and pin or station post).

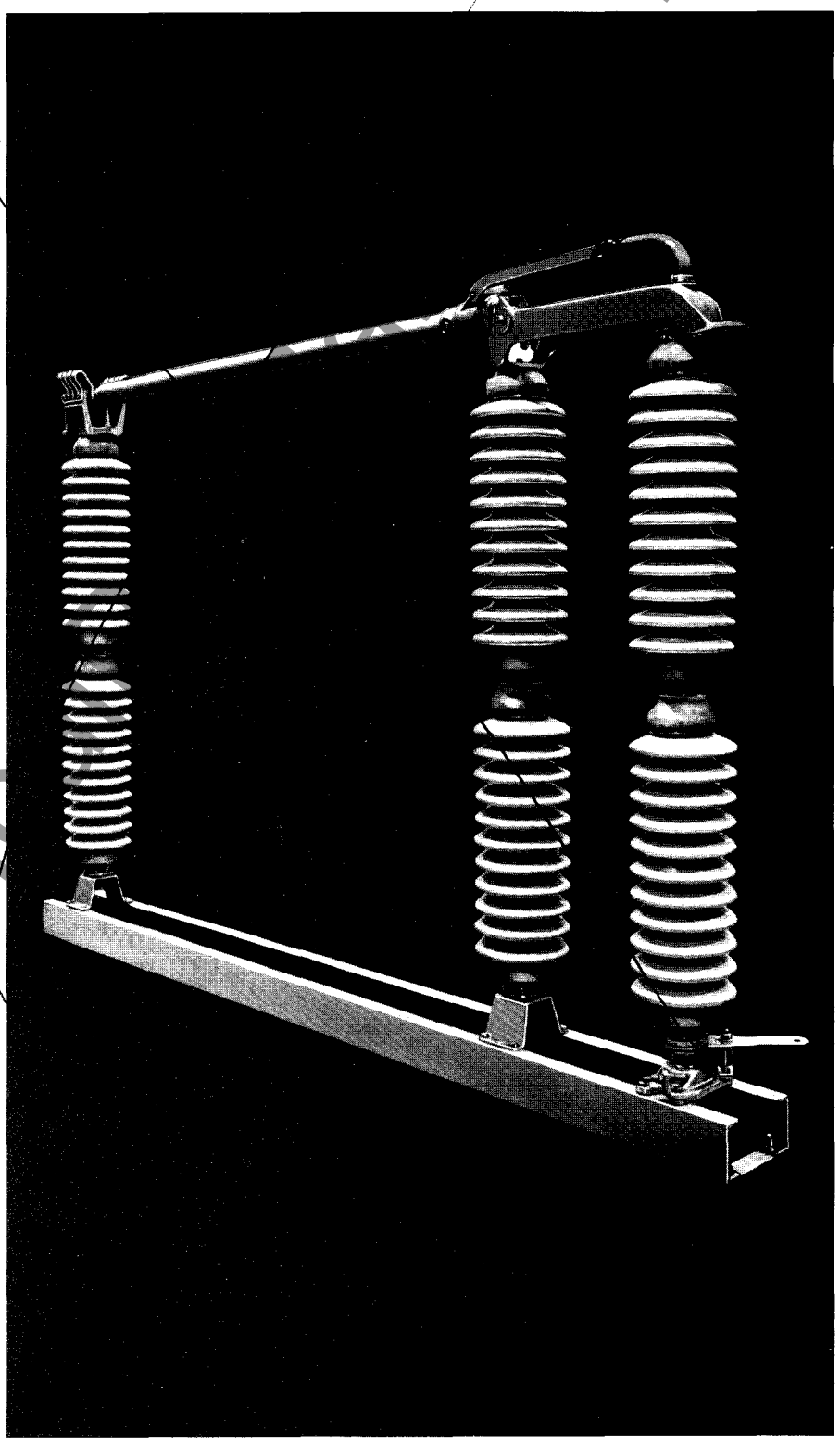
Galvanized steel base.

Suitable for horizontal, vertical or underhung mounting.

Enclosed multi-contact at hinge end of blade.

Enclosed helical contact at hinge pin.

Double race stainless steel ball bearings under rotating insulator.



November, 1972
New Information
E. D. C/1969/DB

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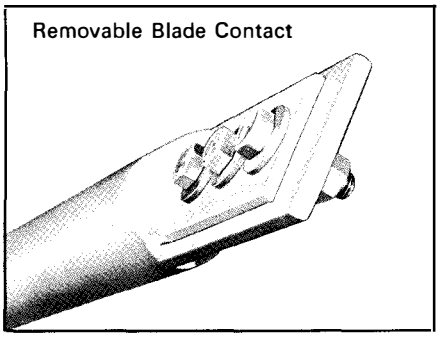
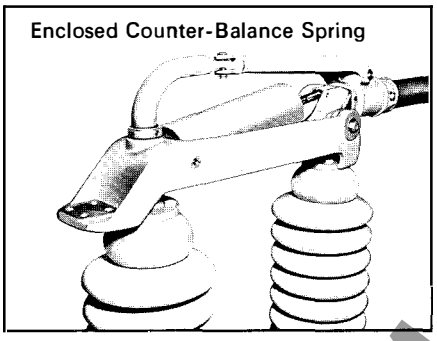
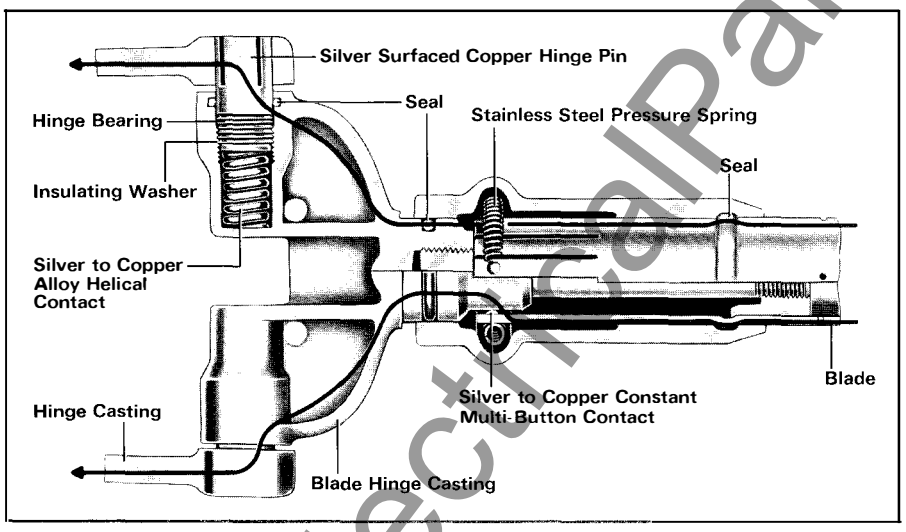
Design Features



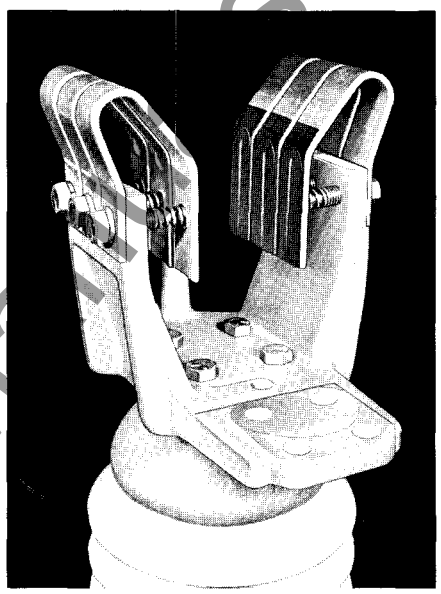
The blade tip contact is removable hot tinned copper with heavy silver plated strips on contact surfaces. Blade tip is held in position with stainless steel bolts.



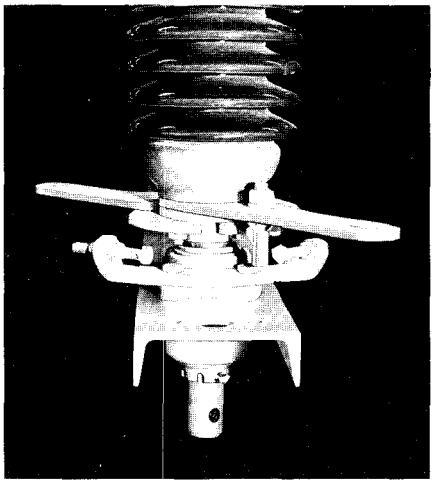
The spring, for counter-balancing the weight of the blade, is completely enclosed in the hinge assembly. This gives protection from ice buildup or other forms of mechanical interference. (No counter-balance for 115 Kv, 600 amp.)



Hinge and Bridging Contacts
Hinge end bridging contacts are provided by multiple contacts on blade and helical hinge contacts. All moving contact surfaces are silver-to-copper completely sealed to eliminate contamination by moisture or dirt.



Break-Jaw Contacts
The break-jaw contacts consist of tin-plated copper strap formed into a reverse loop. Contact pressure is applied by stainless steel springs insulated from main contact to prevent current flow through the spring.



Rotating Insulator Stop Adjustments
Easily accessible adjustments are at the base of the rotating insulator stack. These adjustments give positive control for stopping the blade travel in the open and closed positions.

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