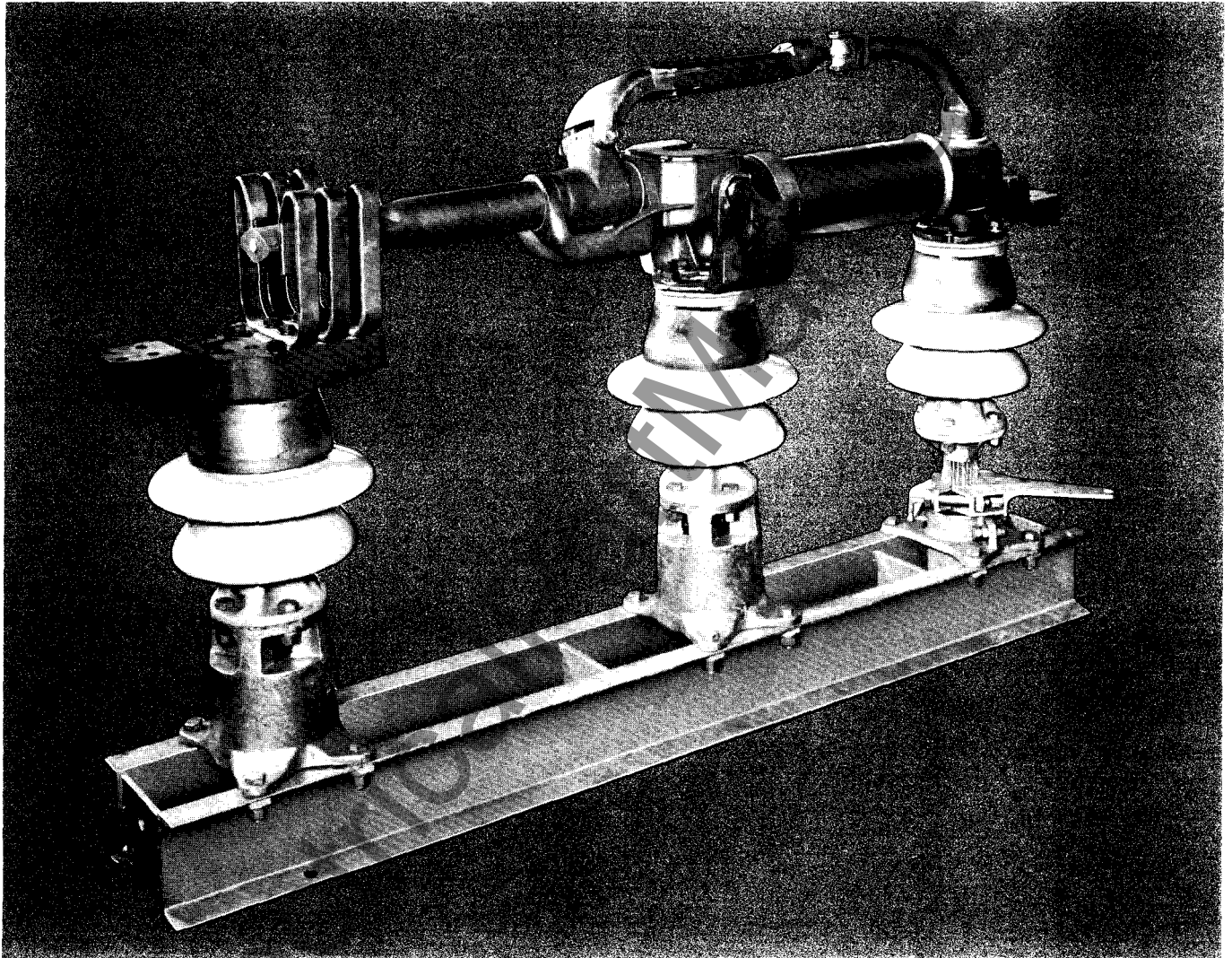


Westinghouse



Type V-5 Outdoor Disconnecting Switch

3 Pole Group-Operated
 69 (HD) through 196 Kv, 1200 Amps
 69 (HD) through 1600 Amps
 7.2 through 196 Kv, 2000 Amps



Application

The Type V-5 vertical break outdoor disconnecting switches utilize the 5" bolt circle insulators and can be obtained with cap and pin or station post insulators. The V-5 is a 3 pole gang operated switch that can be furnished with either manual or motor operating mechanisms for horizontal, vertical or inverted mounting.

Advantages

TEFLON® coated bushings in live side bearings.

One piece reverse loop spring copper alloy break jaw.

Silver inserts on break jaw contacts.

High conductivity, one piece copper blade with die formed contact ends.

Adjustable rotating insulator stop.

NEMA 4 hole terminal pad.

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

Galvanized steel base.

Suitable for horizontal, vertical or underhung mounting.

Enclosed copper bridging contact at hinge end of blade.

Double race stainless steel ball bearings under rotating insulator.

® Registered Trademark of DuPont

September, 1971

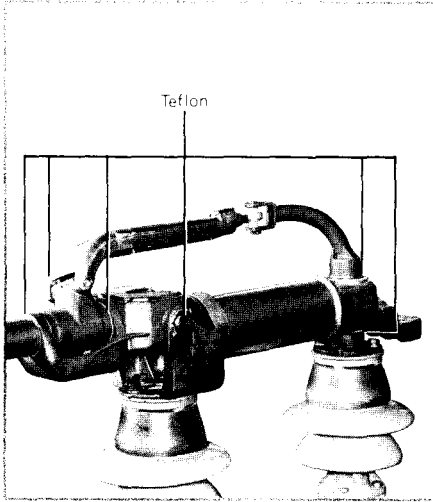
New Information
 E. D. C/1969/DB

Type V-5 Outdoor Disconnecting Switch

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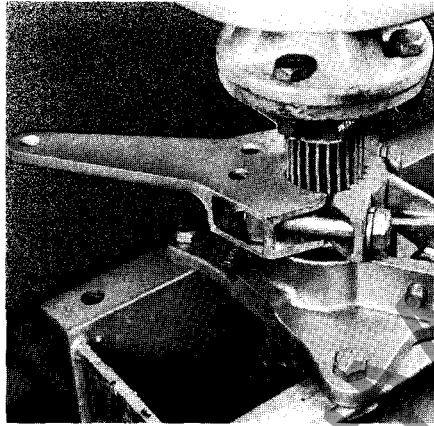
Design Features

Teflon Coated Bearings



Extensive use of Teflon on the bearing surfaces on the energized parts of the switch completely eliminates special seals and lubricants.

Rotating Insulator Stop Adjustments



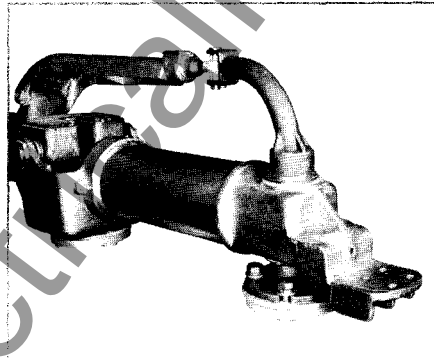
Easily accessible adjustments are built onto the bearing assembly at the base of the rotating insulator stack. These adjustments give positive control for stopping the blade travel in the open and closed positions.

Break Jaw Contacts



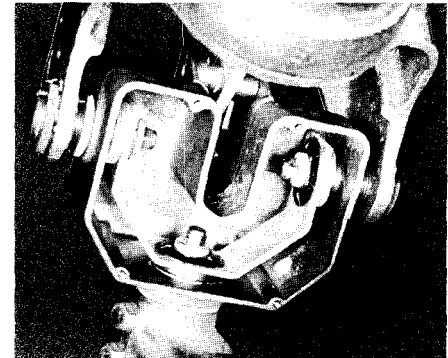
Break jaw sections are formed from single sections of a chromium-cadmium-copper alloy. The contact surfaces are brazed on sections of silver alloy. No back up springs are used or required.

Enclosed Counter-Balance Springs



The spring, for counter-balancing the weight of the blade, is completely enclosed in the hinge assembly. This gives protection from ice build up or other forms of mechanical interference.

Enclosed Bridging Contact



The bridge contact is formed from a piece of copper bus bar, held in place with Bellville washers and lock nuts. It is completely enclosed and protected, yet is easily available for inspection.

Further Information

Price List 36-221
Application Data 36-260
Technical Certification Sheet 36-271

Westinghouse



Load Interrupter Units VLB and V2-LB Switches

This following list price schedule will be used for repair of Interrupter Units from VLB or V2-LB Switches when unit's are returned to the East Pittsburgh Works.

Repair	Rating	
	7.5 thru 69 Kv	115 thru 161 Kv
1. Complete repair of Interrupter Unit including replacement of all necessary internal parts to restore unit to "New" condition. ^①	\$ 450	\$ 450
2. Replacement of external parts not included in above price require price additions as follows: ^②		
(a) Mechanism Cover	\$ 365	\$ 565
(b) Base including gauge & valve	120	120
(c) Porcelain weather casing	190	235
(d) Operating lever assembly	50	50
3. Complete new replacement Interrupter Unit when damaged unit cannot be repaired economically. ^③	\$ 855 ^④	\$1035
4. Complete new interrupter unit for either VLB or V2-LB switch when no old unit is returned for repair	\$1130 ^④	\$1380

Prices include shipping charges for return of rebuilt interrupter unit F.O.B. Point of Shipment, Freight Prepaid to common carrier point nearest to the first destination, but within the confines of United States except Alaska and Hawaiian Islands. Shipping charges to return unit to East Pittsburgh Works are not included. Request/Authorization for Return of Apparatus Form 24545 must be completed before interrupter units are returned to East Pittsburgh.

Upon receipt of Interrupter Unit at East Pittsburgh Works, the unit will be carefully inspected and Customer will be advised if any parts are required other than those included in Item 1 above. If additional parts are required that involve a price addition to basic repair price, approval of charges must be obtained from Customer before repairs will be made.

^① Price includes all necessary parts except mechanism cover, base assembly including pressure gauge, porcelain weather casing and operating lever assembly.

^② Complete base assembly is required when replacing gauge or valve.

^③ Price applies only when defective unit is returned for repair and unit is damaged to the extent that economical repair cannot be made.

^④ Price for new units does not apply for units rated 7.5 KV through 34.5 KV. Prices for these units must be obtained from East Pittsburgh Works.

**Load Interrupter Units
VLB and V2-LB Switches**

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