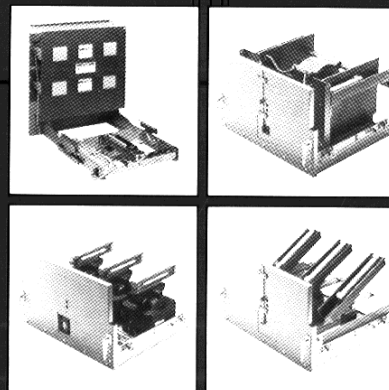
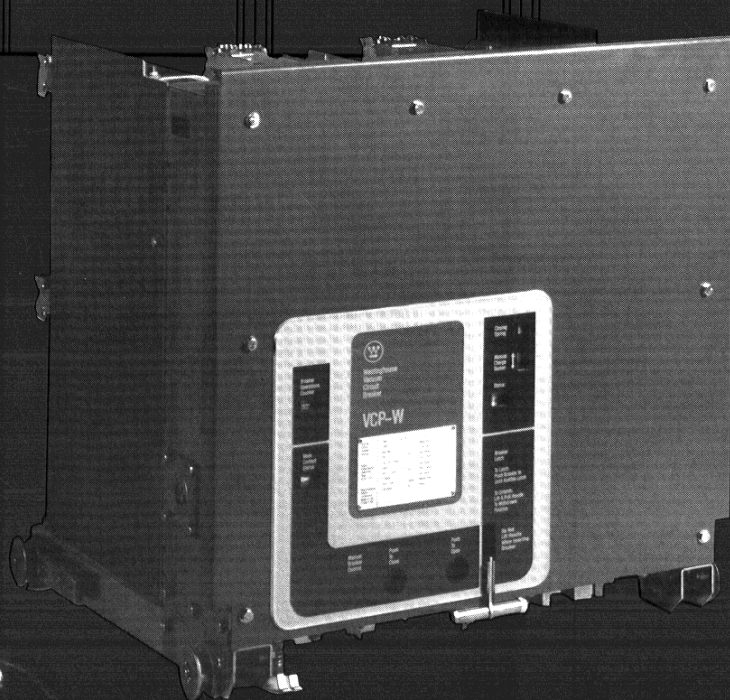




Westinghouse  
Medium-Voltage  
World-Class Switchgear



VacClad-W

**WORLDCLASS**  
COMPARTMENT  
KIT PROGRAM

A Value Added  
Approach To Circuit Protection

## World-Class Medium-Voltage Vac-Clad-W Switchgear Compartment Kit Program

### A Modular Value Added Approach to Circuit Protection... Exclusively From Westinghouse

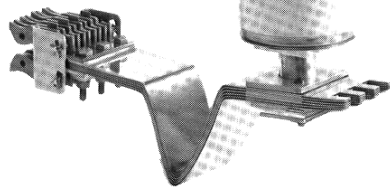
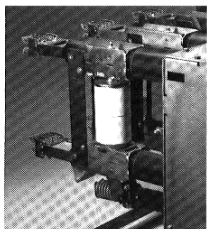
This kit program provides customers with the unique opportunity to add the most value to their switchgear. For maximum design flexibility, Westinghouse now offers a breaker compartment kit and three auxiliary drawer kits that include all major parts used in assembling a structure. They are shipped in a single carton with detailed instructions and drawings that include important dimensions, clearances, and configurations.

These kits represent the Westinghouse commitment to provide customers with assembly flexibility. They have the unique opportunity to select complete VacClad-W modules, abbreviated modules, and compartment kits for maximum value added.

### VCP-W: The World-Class Generation

VCP-W is the Westinghouse third generation vacuum circuit breaker. It has been engineered to feature a standardized design, interchangeable parts, rugged construction, and industry-leading vacuum interrupter circuit breaker technology. The world-class VCP-W Vacuum Circuit Breaker meets both ANSI and IEC electrical standards.

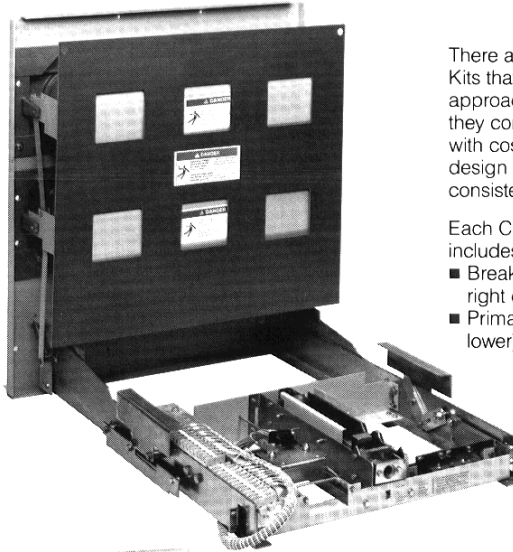
The proven reliability of Westinghouse circuit breakers results from an ongoing research and development program. Over 25 years of vacuum interrupter design and manufacturing experience has resulted in the introduction of many significant advances in vacuum interrupter technology. Design advances in the VCP-W Circuit Breaker have provided enhanced dependability, reliability, and safety.



World-class VCP-W Circuit Breakers are designed with a patented V-Flex current transfer system that provides:

- A unique non-sliding current transfer arrangement.
- No maintenance.
- Excellent electrical and thermal transfer.
- Long vacuum interrupter life.

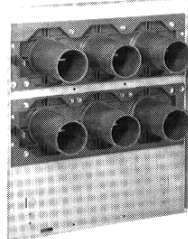
### Circuit Breaker Compartment Kits



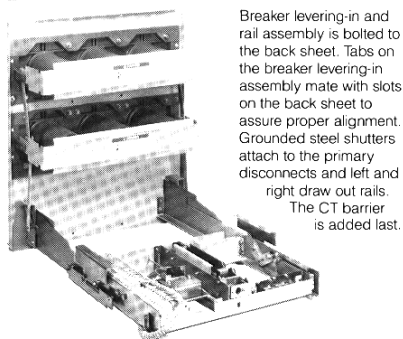
There are 10 Circuit Breaker Compartment Kits that offer the maximum value added approach to building switchgear because they combine maximum design flexibility with cost competitiveness. The slot and tab design provides for easy assembly and consistency alignment.

Each Circuit Breaker Compartment Kit includes:

- Breaker levering-in assembly with left and right draw out rails.
- Primary disconnect supports (upper and lower).
- CT barrier assembly.
- Shutter assembly.
- Drawings that include dimensions and clearances are provided. Note that back sheets are not included in kits.



The back sheet is manufactured by the customer using the drawings provided by Westinghouse. Primary disconnects are attached.



Breaker levering-in and rail assembly is bolted to the back sheet. Tabs on the breaker levering-in assembly mate with slots on the back sheet to assure proper alignment. Grounded steel shutters attach to the primary disconnects and left and right draw out rails. The CT barrier is added last.

### Compartment Kit Specifications

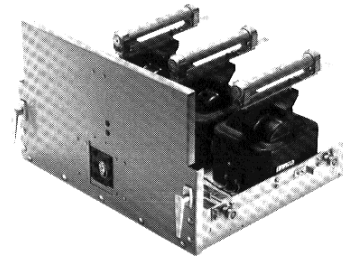
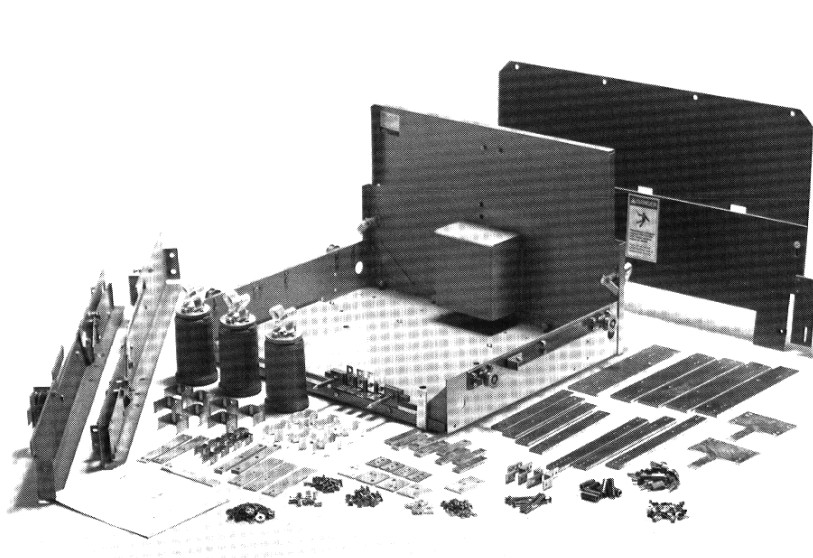
Primary Disconnect Supports	Stub Arrangements	Style Numbers
<b>1200 Amps</b>		
Glass Polyester	Line and Load	7816C75G02
Glass Polyester	Line/Line	7816C75G03
Porcelain	Line and Load	7816C75G06
Porcelain	Line/Line	7816C75G07
<b>2000 Amps</b>		
Glass Polyester	Line and Load	7816C75G04
Glass Polyester	Line/Line	7816C75G05
Porcelain	Line and Load	7816C75G08
Porcelain	Line/Line	7816C75G09
<b>3000 Amps</b>		
Glass Polyester	Line and Load	7816C75G10
Porcelain	Line and Load	7816C75G11

Dimensions of Compartment Kit shipping box:  
58" w x 19" h x 41" d, Weight: 325 lbs.



## Auxiliary Compartment Kits

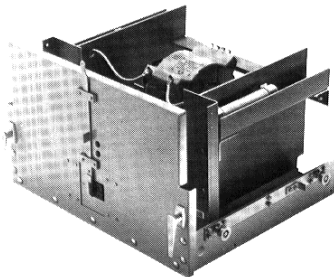
### Potential Transformer



The Potential Transformer Drawer Kit includes:

- Left and right draw out rails.
- Truck assembly including a selection of fuse mountings and stand-offs. (Potential transformers not included.)
- Primary and secondary contact assemblies.
- Shutter assembly.
- Hardware for all configurations and alignments including mounting and alignment brackets.
- Drawings are provided for manufacturing the back sheet. They also detail the clearances and locations of integral parts.

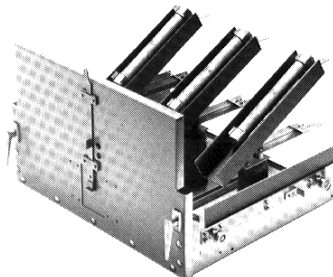
### Control Power Transformer



The Control Power Transformer Drawer Kit includes:

- Left and right draw out rails.
- Truck assembly including glass polyester barriers and fuse mountings. (Control power transformers not included.)
- Primary and secondary contact assemblies.
- Shutter assembly.
- Hardware for all configurations and alignments including mounting and alignment brackets.
- Drawings are provided for manufacturing the back sheet. They also detail the clearances and locations of integral parts.

### Fuse



The Fuse Drawer Kit includes:

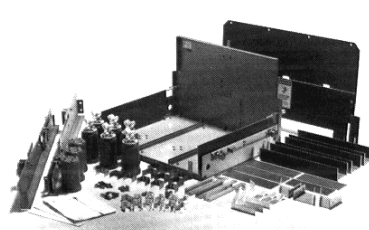
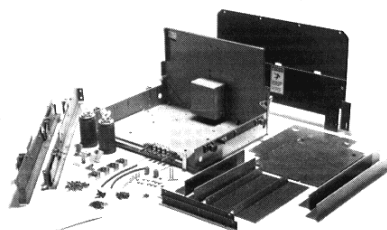
- Left and right draw out rails.
- Truck assembly including fuse holder assembly and various fuse mountings. (Fuses not included.)
- Primary and secondary contact assemblies.
- Shutter assembly.
- Hardware for all configurations and alignments including mounting and alignment brackets.
- Drawings are provided for manufacturing the back sheet. They also detail the clearances and locations of integral parts.

### Specifications

Kit Number	Carton Dimensions	Carton Weight
<b>Potential Transformer Kit</b>		
7816C80G01	36" w x 24" h x 36" d	75 lbs.
<b>Control Power Transformer Kit</b>		
7816C81G01	36" w x 24" h x 36" d	75 lbs.
<b>Fuse Compartment Kit</b>		
7816C82G01	36" w x 24" h x 36" d	75 lbs.

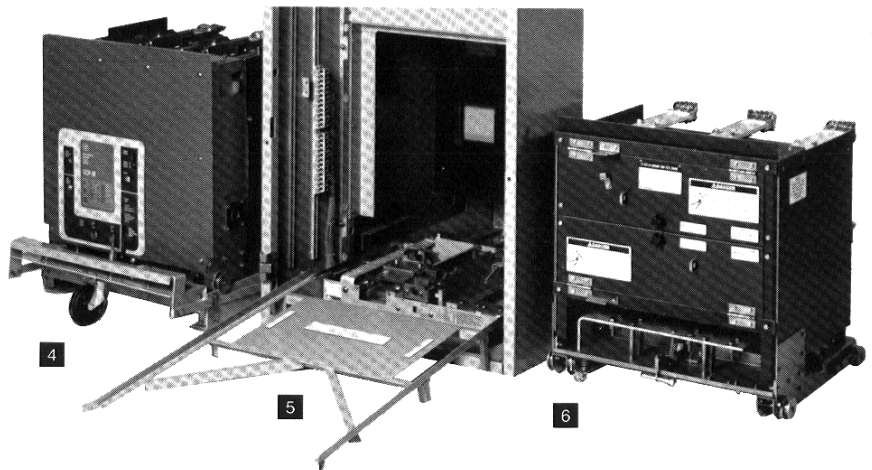
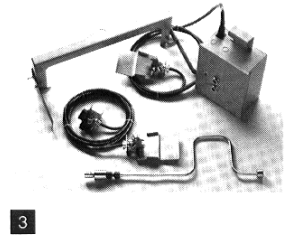
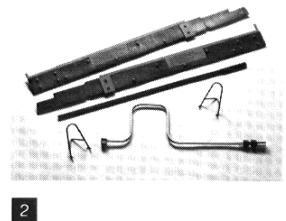
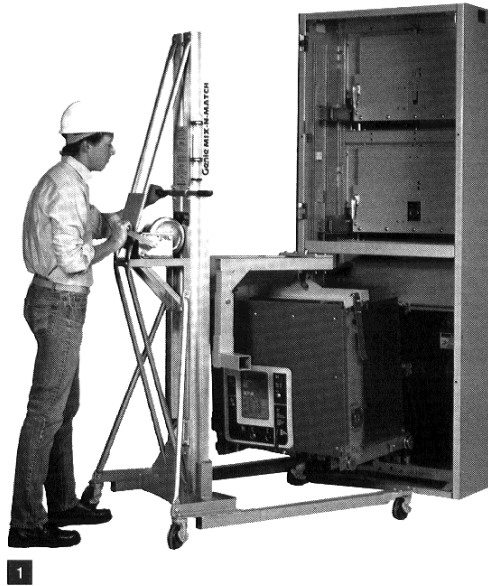
### Ask For Your Medium-Voltage Switchgear Components Handbook

The extremely comprehensive Handbook includes detailed information on the Compartment Kits, the VCP-W Vacuum Circuit Breaker, and the VacClad-W modules. Electrical schematics and compartment drawings are also included along with technical information on vacuum interrupters and vacuum interrupter technology. For your free copy, please contact your local Westinghouse Sales Office.



## VacClad-W Switchgear Tools and Accessories

- 1 The portable lifter is used to lift the circuit breaker from or onto the extension rails.
- 2 Left and right removable extension rails, rail clamps, manual charging handle and levering-in crank.
- 3 Other accessories include (clockwise): lifting yoke, test cabinet, levering-in crank, and test jumper.
- 4 The dockable dolly is used for transporting the lower circuit breaker to or from the lower compartment.
- 5 The ramp moves the lower circuit breaker from the floor to the bottom compartment.
- 6 Ground and test device manually and electrically operated are also available.



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