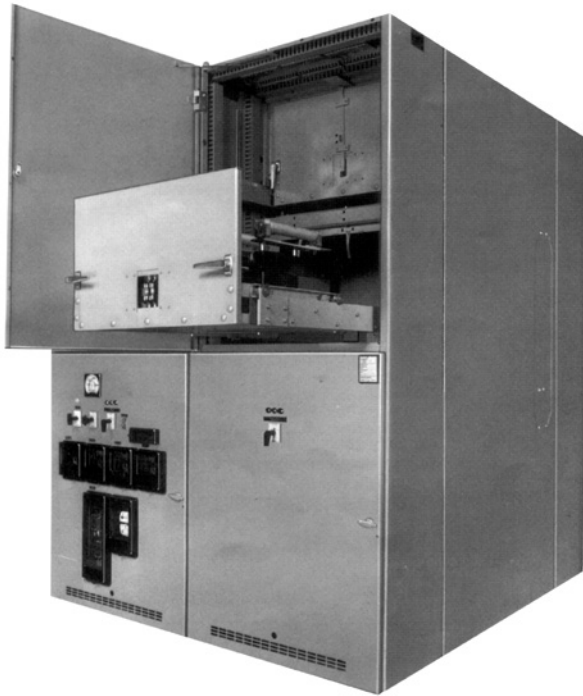


# VacClad-W type VCP-W 5 and 15 kV, 36-inch-wide switchgear components



## Contents

Description	Page
Procedure for identifying parts . . . . .	2
Customer ordering instructions . . . . .	2
Distributor ordering instructions . . . . .	2
Front panel components . . . . .	3
Breaker pan assembly . . . . .	4
Breaker pan assembly parts . . . . .	5
Breaker cubicle components . . . . .	6
Auxiliary drawers . . . . .	9
ABB transformers . . . . .	9
ITI transformers . . . . .	10
Control power transformers . . . . .	11
Drawout fuses . . . . .	12
Auxiliary drawer components . . . . .	13
Auxiliary cubicle components . . . . .	14
Bus compartment . . . . .	15
Bus supports . . . . .	15
Boots . . . . .	16
Accessories and miscellaneous parts . . . . .	17
Technology upgrades . . . . .	19



*Powering Business Worldwide*

**Procedure for identifying parts**

1. Refer to the listing below and turn to the proper section in this book to identify standard parts and components.

Front panel components . . . . . 3  
 Breaker pan assembly . . . . . 4  
 Breaker pan assembly parts . . . . . 5  
 Breaker cubicle components . . . . . 6  
 Auxiliary drawers . . . . . 9  
     ABB transformers . . . . . 9  
     ITI transformers . . . . . 10  
     Control power transformers . . . . . 11  
     Drawout fuses . . . . . 12  
 Auxiliary drawer components . . . . . 13  
 Auxiliary cubicle components . . . . . 14  
 Bus compartment . . . . . 15  
     Bus supports . . . . . 15  
     Boots . . . . . 16  
 Accessories and miscellaneous parts . . . . . 17  
 Technology upgrades . . . . . 19

2. This book identifies those replacement parts that are most frequently ordered and that are readily available. These parts should be ordered by style number or catalog number to speed up processing and delivery.

**This Renewal Parts Data applies to the housing parts only.  
 For the vacuum circuit breaker parts, refer to Price List 33-729.**

**Customer ordering instructions**

1. Specify the part by style or catalog number, description and quantity required.
2. Contact your local Eaton sales office or authorized Eaton distributor.

**Distributor ordering instructions**

1. Specify quantity and enter the order on Vista by style or catalog number. Contact the Aftermarket Products Center (APC) in Greenwood, SC, at 800-345-4072 when ordering relay covers.
2. Contact APC for availability at 800-345-4072.

---

**⚠ WARNING**

---

**HAZARDOUS VOLTAGE WILL CAUSE SEVERE INJURY OR DEATH. TURN OFF POWER SUPPLY TO EQUIPMENT BEFORE WORKING ON IT.**

---

## Front panel components

### M22 and minalite bulbs



M22 Bulb (LED)



Minalite Bulb

**Table 1. M22 and Minalite Bulbs**

Description	Part Number
LED, Type M22 (48V, 10 mA)	
Red (quantity 10)	<b>M22-L-R-R</b>
Green (quantity 10)	<b>M22-L-G-G</b>
Yellow (quantity 10)	<b>M22-L-Y-W</b>
Amber (quantity 10)	<b>M22-L-A-W</b>
Minalite bulb	<b>1124156</b>

**Table 2. Blank Front Panel (Includes Hinges and Standard Door Latches)**

Panel Description	Style Number
36-inch upper panel with left-hand hinge	<b>A1000L</b>
36-inch upper panel with right-hand hinge	<b>A1000R</b>
36-inch lower panel with left-hand hinge (1200A breaker)	<b>B1000L</b>
36-inch lower panel with right-hand hinge (1200A breaker)	<b>B1000R</b>
36-inch lower panel with left-hand hinge (when 2000/3000A breaker is located in lower compartment)	<b>B2000L</b>
36-inch lower panel with right-hand hinge (when 2000/3000A breaker is located in lower compartment)	<b>B2000R</b>
36-inch lower panel with left-hand hinge (when 3000A breaker is located in upper compartment)	<b>B3000L</b>
36-inch lower panel with left-hand hinge (no grille)	<b>B0000L</b>
36-inch lower panel with right-hand hinge (no grille)	<b>B0000R</b>

### W2 and Series 24 handles



Pistol Grip



Oval  
(T-Shape)



Round

W2 and Series 24 Handles

### Door latch assemblies



Gray



Black

Door Latch Assemblies

### Relay cover



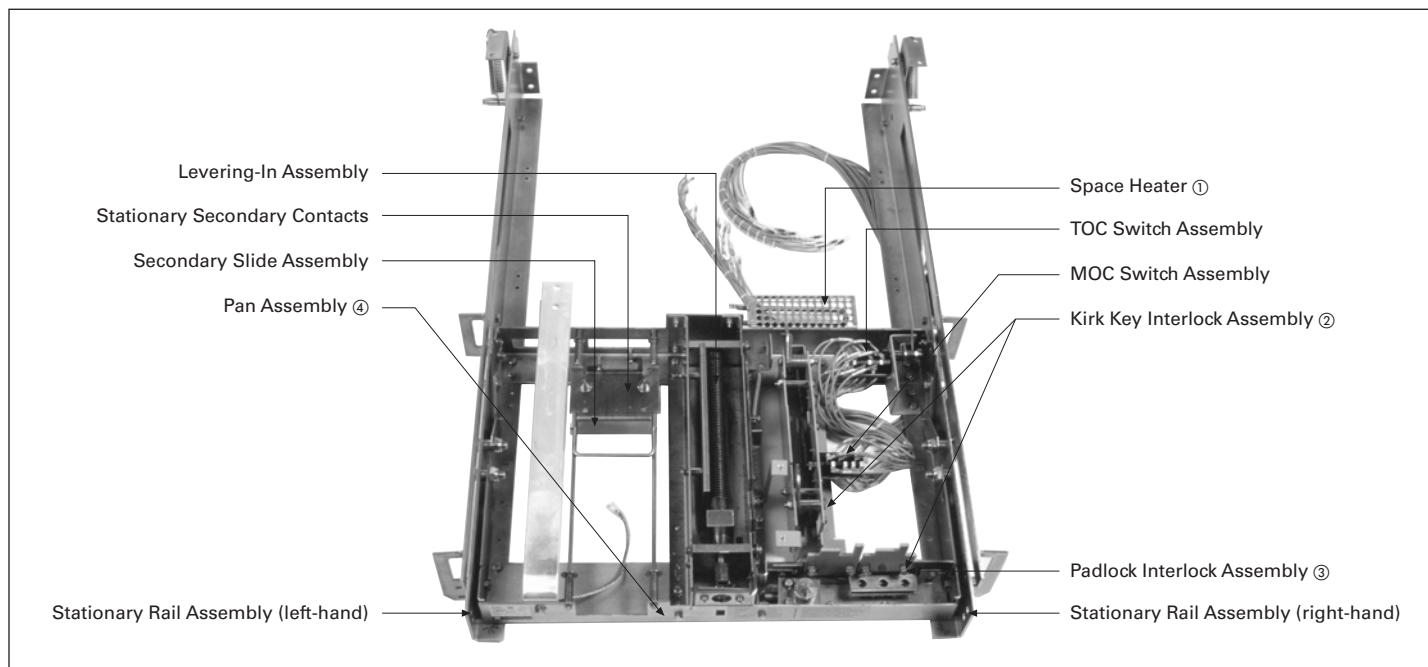
Relay Cover

**Note:** Order by description. Provide type of relay and style number.

**Table 3. Handles and assemblies**

Description	Style Number
W2 handles	
Pistol grip	<b>310C624H02</b>
Oval (T-Shape)	<b>501B787H01</b>
Round	<b>310C624H01</b>
Series 24 handles	
Pistol grip	<b>02000-12</b>
Oval (T-Shape)	<b>02000-11</b>
Round	<b>02000-10</b>
Door latch assemblies	
Gray	<b>8244A12G01</b>
Black	<b>8346A76H01</b>

## Breaker pan assembly



**Figure 1. Breaker Pan Assembly Parts**

① When a pan assembly space heater is required, this is where it is mounted. Refer to **Table 35** on **page 18** for ratings and style numbers.

② Designed for Kirk Key type F (one or two locks) interlock with zero bolt projection. Key lock not included.

③ Padlock not included.

④ Includes the left-hand and right-hand stationary rail assembly, the appropriate levering-in assembly, and the stationary secondary contacts.

**Table 4. Breaker Pan Assembly Parts**

Description	Style Number
Pan assembly (1200/2000A)	6529C21G03 ①
Pan assembly (3000A)	6529C21G04 ①
Levering-in assembly (1200/2000A)	692C662G02
Levering-in assembly (3000A)	692C662G03
TOC switch assembly	6510C49G03 ②
TOC switch only (10 contacts)	698B822H01
Kirk Key interlock assembly	6510C48G03 ③
MOC switch assembly, 5A/4B, 1 switch connect and test	6510C50G02 ②
MOC switch assembly, 5A/4B, 1 switch connect only	6510C50G03 ②
MOC switch assembly, 10A/8B, 2 switch connect and test	6510C50G04 ②
MOC switch assembly, 10A/8B, 2 switch connect only	6510C50G05 ②
MOC switch assembly, 15A/12B, 3 switch connect and test	6510C50G06 ②
MOC switch assembly, 15A/12B, 3 switch connect only	6510C50G07 ②
MOC switch only	698B822H01
Stationary rail assembly, left-hand	6510C01G02
Stationary rail assembly, right-hand	6510C02G02
Padlock interlock assembly	691C540G01 ④
Stationary secondary contacts and wiring harness	6510C61G02
Secondary contact slide assembly	691C573G01

① Includes the left-hand and right-hand stationary rail assembly, the appropriate levering-in assembly, and the stationary secondary contacts.

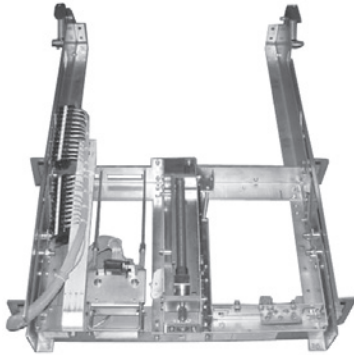
② Includes mounting bracket, switch, and wiring harness.

③ Designed for Kirk Key type F (one or two locks) interlock with zero bolt projection. Key lock not included.

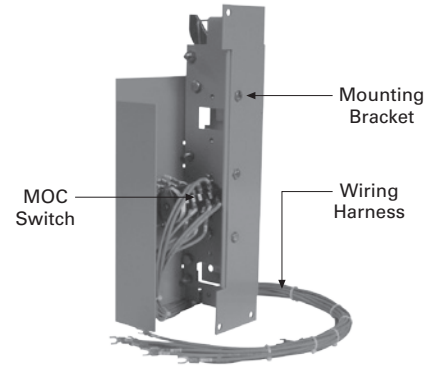
④ Padlock not included.

**Note:** See breaker pan assembly parts photos on **page 5**.

**Breaker pan assembly parts**



Pan Assembly ①



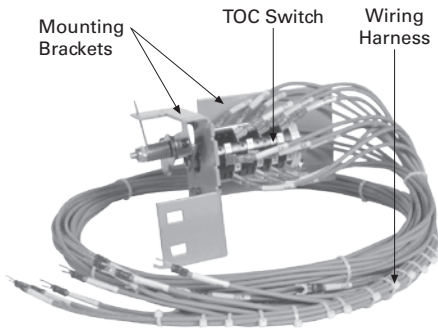
MOC Switch Assembly ②



Levering-in Assembly



Stationary Rail Assembly



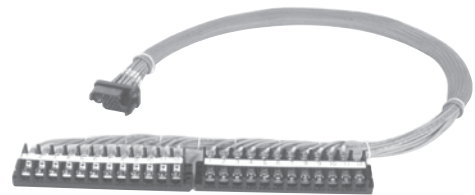
TOC Switch Assembly ②



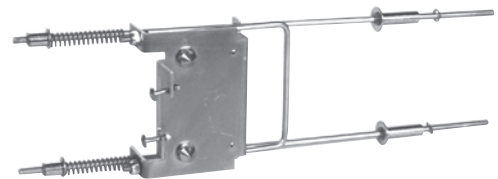
Padlock Interlock Assembly ④



Kirk Key Interlock Assembly ③



Stationary Secondary Contacts and Wiring Harness



Secondary Contact Slide Assembly

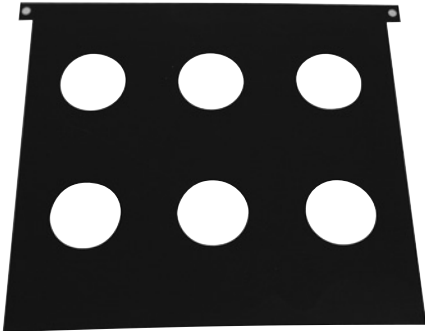
- ① Includes the left-hand and right-hand stationary rail assembly, the appropriate levering-in assembly, and the stationary secondary contacts.
- ② Includes mounting bracket, switch, and wiring harness.
- ③ Designed for Kirk Key type F (one or two locks) interlock with zero bolt projection. Key lock not included.
- ④ Padlock not included.

## Breaker cubicle components



Stab Molding Assembly

**Note:** Each style provides for three poles of a breaker. Bus side is defined as the bottom poles of a breaker mounted in the top location, and the top poles of a breaker mounted in the bottom location. Line side is defined as the top poles of a breaker mounted in the top location, and the bottom poles of a breaker mounted in the bottom location. Glass polyester insulation is standard.



CT Barrier Mounting Kit



Shutter Assembly

**Table 5. Stab Molding Assembly** ①

Description	Application	Style Number
1200A porcelain	Bus side	6437C76G01
2000A porcelain	Bus side	6437C76G03
3000A porcelain	Bus side	6355C65G02
1200A glass polyester	Bus side	6437C76G05
2000A glass polyester	Bus side	6437C76G07
3000A glass polyester	Bus side	6355C65G03
1200A porcelain	Line side	6437C76G02
2000A porcelain	Line side	6437C76G04
3000A porcelain	Line side	6455C65G02
1200A glass polyester	Line side	6437C76G06
2000A glass polyester	Line side	6437C76G08
3000A glass polyester	Line side	6355C65G03

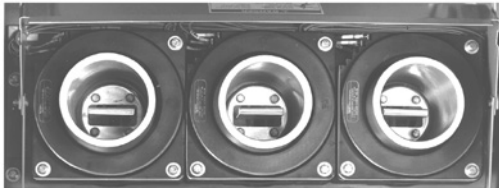
① Each style provides for three poles of a breaker. Bus side is defined as the bottom poles of a breaker mounted in the top location, and the top poles of a breaker mounted in the bottom location. Line side is defined as the top poles of a breaker mounted in the top location, and the bottom poles of a breaker mounted in the bottom location. Glass polyester insulation is standard.

**Table 6. Mounting Kits and Assemblies**

Description	Style Number
CT barrier mounting kit	3A38291G01
Shutter assembly	6529C22G01

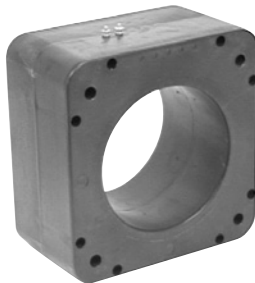


CT Mounting Hardware Kit



Current Transformers Mounted on  
Stab Molding Assembly

**Note:** Each pole can accommodate up to two standard-accuracy CTs or one high-accuracy CT.



Zero Sequence CT

**Table 7. Current Transformer Mounting Hardware Kit**

Description	Style Number
With no CTs	<b>3A38292G01</b> ①
With one type ABB SCV or ITI 780/pole	<b>3A38292G02</b> ①
With two type ABB SCV or ITI 780/pole	<b>3A38292G03</b> ①
With one type ABB SCV-D or ITI 785/pole	<b>3A38292G04</b> ①
With one type ABB BYZ or ITI 143	<b>3A38292G05</b>

① Used for mounting to stab molding assembly (see page 6).

**Table 8. ABB Current Transformers** ①

Ratio	Accuracy Class	Style Number
<b>Type SCV Narrow Profile Standard Accuracy</b>		
100/5	C10	<b>6353C88H01</b>
150/5	C20	<b>6353C88H02</b>
200/5	C20	<b>6353C88H03</b>
250/5	C20	<b>6353C88H04</b>
300/5	C20	<b>6353C88H05</b>
400/5	C50	<b>6353C88H06</b>
500/5	C50	<b>6353C88H07</b>
600/5	C100	<b>6353C88H08</b>
600/5 (MR)	C100	<b>6350C23H01</b>
800/5	C100	<b>6353C88H09</b>
1000/5	C100	<b>6353C88H10</b>
1200/5	C200	<b>6353C88H11</b>
1200/5 (MR)	C200	<b>6350C24H01</b>
1500/5	C200	<b>6353C88H12</b>
2000/5	C200	<b>6353C88H13</b>
2000/5 (MR)	C200	<b>6350C25H01</b>
2500/5	C200	<b>6353C88H14</b>
3000/5	C200	<b>6353C88H15</b>
3000/5 (MR)	C200	<b>6350C26H01</b>
4000/5	C200	<b>6353C88H16</b>
4000/5 (MR)	C200	<b>6350C27H01</b>
<b>Type SCV-D Thick Profile High Accuracy</b>		
50/5	C10	<b>6353C89H01</b>
75/5	C20	<b>6353C89H02</b>
100/5	C20	<b>6353C89H03</b>
150/5	C50	<b>6353C89H04</b>
200/5	C50	<b>6353C89H05</b>
250/5	C50	<b>6353C89H06</b>
300/5	C100	<b>6353C89H07</b>
400/5	C100	<b>6353C89H08</b>
500/5	C200	<b>6353C89H09</b>
600/5	C200	<b>6353C89H10</b>
600/5 (MR)	C200	<b>6436C46H01</b>
800/5	C200	<b>6353C89H11</b>
1000/5	C200	<b>6353C89H12</b>
1200/5	C400	<b>6353C89H13</b>
1200/5 (MR)	C400	<b>6436C47H01</b>
1500/5	C400	<b>6353C89H14</b>
2000/5	C400	<b>6353C89H15</b>
2000/5 (MR)	C400	<b>6436C48H01</b>
2500/5	C400	<b>6353C89H16</b>
3000/5	C400	<b>6353C89H17</b>
3000/5 (MR)	C400	<b>6436C49H01</b>
4000/5	C400	<b>6353C89H18</b>
4000/5 (MR)	C400	<b>6436C50H01</b>

① Each pole can accommodate up to two standard-accuracy CTs or one high-accuracy CT.

**Note:** (MR) = Multi-ratio transformers.

**Table 9. Type ABB BYZ Zero Sequence CT**

Ratio	Accuracy Class	Style Number
50/5	C10	<b>6353C97H01</b>
100/5	C20	<b>6353C97H02</b>

**Table 10. ITI Current Transformers** ①

<b>Ratio</b>	<b>Accuracy Class</b>	<b>Style Number</b>
<b>Narrow Profile Standard Accuracy</b>		
100/5	C10	3A40263H01
150/5	C20	3A40263H02
200/5	C20	3A40263H03
250/5	C20	3A40263H04
300/5	C50	3A40263H05
400/5	C50	3A40263H06
500/5	C50	3A40263H07
600/5	C100	3A40263H08
600/5 (MR)	C100	3A40263H09
800/5	C100	3A40263H10
1000/5	C100	3A40263H11
1200/5	C200	3A40263H12
1200/5 (MR)	C200	3A40263H13
1500/5	C200	3A40263H14
2000/5	C200	3A40263H15
2000/5 (MR)	C200	3A40263H16
2500/5	C200	3A40263H17
3000/5	C200	3A40263H18
3000/5 (MR)	C200	3A40263H19
4000/5	C200	3A40263H20
4000/5 (MR)	C200	3A40263H21
<b>Thick Profile High Accuracy</b>		
50/5	C10	3A40264H01
100/5	C20	3A40264H02
150/5	C50	3A40264H03
200/5	C50	3A40264H04
250/5	C50	3A40264H05
300/5	C100	3A40264H06
400/5	C100	3A40264H07
500/5	C100	3A40264H08
600/5	C200	3A40264H09
600/5 (MR)	C200	3A40264H10
800/5	C200	3A40264H11
1000/5	C200	3A40264H12
1200/5	C400	3A40264H13
1200/5 (MR)	C400	3A40264H14
1500/5	C400	3A40264H15
2000/5	C400	3A40264H16
2000/5 (MR)	C400	3A40264H17
2500/5	C400	3A40264H18
3000/5	C400	3A40264H19
3000/5 (MR)	C400	3A40264H20
4000/5	C400	3A40264H21
4000/5 (MR)	C400	3A40264H22
<b>ITI Zero Sequence CT</b>		
50/5	C20	3A40265H01
100/5	C20	3A40265H02

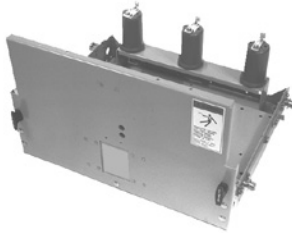
① Each pole can accommodate up to two standard-accuracy CTs or one high-accuracy CT.

**Note:** (MR) = Multi-ratio transformers.



## Auxiliary drawers

### ABB transformers



Voltage Transformer  
Basic Chassis

**Note:** The voltage transformer chassis does not include the voltage transformer, the primary fuses and the secondary pull fuse assembly.



Primary Fuses

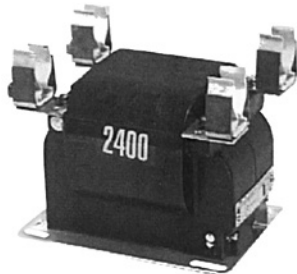


Secondary Pull Fuse Assembly

**Note:** Includes the mounting box, secondary pull fuse with 6A fuses, and wiring harness.



Line-to-Ground  
Voltage Transformer



Line-to-Line  
Voltage Transformer



Primary Contact  
Insulator Assembly

**Note:** Polyester shown.

**Table 11. Voltage Transformers**

System Volts	ABB Type	Ratio	Style Number
<b>Line-to-Ground Transformers—One Primary Fuse per Transformer</b>			
2400	VIY-60	2400/120	<b>7525A61G01</b>
4200	VIY-60	4200/120	<b>7525A61G03</b>
4200	VIY-60	2400/120	<b>7525A61G02</b>
4800	VIZ-11	4800/120	<b>7525A65G05</b>
7200	VIZ-11	7200/120	<b>7525A65G07</b>
7200	VIZ-11	4200/120	<b>7525A65G06</b>
8400	VIZ-11	8400/120	<b>7525A65G09</b>
8400	VIZ-11	4800/120	<b>7525A65G10</b>
12500	VIZ-11	12000/120	<b>7525A65G12</b>
12500	VIZ-11	7200/120	<b>7525A65G13</b>
13200	VIZ-11	13200/120	<b>7525A65G15</b>
13200	VIZ-11	7620/120	<b>7525A65G16</b>
14400	VIZ-11	14400/120	<b>7525A65G18</b>
14400	VIZ-11	8400/120	<b>7525A65G19</b>
<b>Line-to-Line Transformers—Two Primary Fuses per Transformer</b>			
2400	VIY-60	2400/120	<b>7525A60G01</b>
4200	VIY-60	4200/120	<b>7525A60G02</b>
4800	VIZ-11	4800/120	<b>7525A64G03</b>
7200	VIZ-11	7200/120	<b>7525A64G04</b>
8400	VIZ-11	8400/120	<b>7525A64G05</b>
12500	VIZ-11	12000/120	<b>7525A64G06</b>
14400	VIZ-11	14400/120	<b>7525A64G08</b>

**Table 12. Voltage Transformer Primary Fuses**

Fuse Rating	Fuse Size (in Inches)		Style Number
	Length	Diameter	
5.5 kV–1.0A	9.50	1.63	<b>5981C05G05</b>
5.5 kV–1.0A	9.50	1.63	<b>5981C05G05</b>
8.3 kV–1.0A	9.50	1.63	<b>5981C06G05</b>
15.5 kV–1.0A	12.88	1.63	<b>5981C07G05</b>

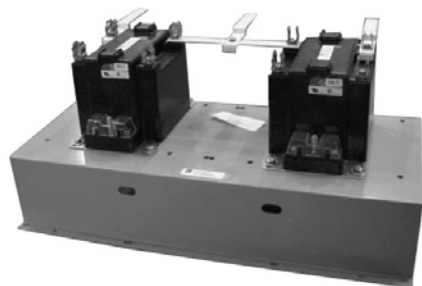
**Table 13. Auxiliary Drawer Chassis and Assemblies**

Description	Style Number
Voltage transformer basic chassis ①	<b>1C14523G03</b>
Secondary pull fuse assembly ②	
Two-pole	<b>3A38297G01</b>
Three-pole	<b>3A38297G02</b>
Primary contact insulator assembly	
Polyester	<b>3A38295G01</b>
Porcelain	<b>3A38295G02</b>

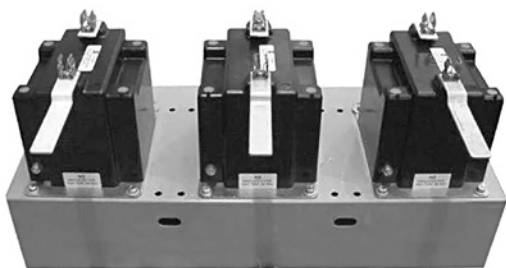
① The voltage transformer chassis does not include the voltage transformer, the primary fuses, and the secondary pull fuse assembly.

② Includes the mounting box, secondary pull fuse with 6A fuses, and wiring harness.

**ITI transformers**



ITI Line-to-Line PT Plate Assemblies



ITI Line-to-Ground PT Plate Assemblies

**Table 14. VCP-W Line-to-Line Transformers Mounting Plate Assembly—Including PTs and Stabs—ITI Voltage Transformers (Two Primary Fuses per Transformer)**

System Line-to-Line Volts	ITI Type	Ratio	Style Number
2400	PTW3	2400/120	<b>1C17638G01</b>
4200	PTW3	4200/120	<b>1C17638G02</b>
4800	PTW5	4800/120	<b>1C17639G01</b>
7200	PTW5	7200/120	<b>1C17639G02</b>
8400	PTW5	8400/120	<b>1C17639G03</b>
12500	PTW5	12000/120	<b>1C17639G04</b>
13200	PTW5	13200/120	<b>1C17639G05</b>
14400	PTW5	14400/120	<b>1C17639G06</b>

**Table 15. Line-to-Line Transformers (Two Primary Fuses per Transformer) Includes PT Only—Fuses, Fuse Clips, and the Mounting Plate Assembly Are Not Included**

System Line-to-Line Volts	ITI Type	Ratio	Style Number
2400	PTW3	2400/120	<b>3A40266H01</b>
4200	PTW3	4200/120	<b>3A40266H02</b>
4800	PTW5	4800/120	<b>3A40266H03</b>
7200	PTW5	7200/120	<b>3A40266H04</b>
8400	PTW5	8400/120	<b>3A40266H05</b>
12500	PTW5	12000/120	<b>3A40266H06</b>
13200	PTW5	13200/120	<b>3A40266H07</b>
14400	PTW5	14400/120	<b>3A40266H08</b>

**Table 16. VCP-W Line-to-Ground Transformers Mounting Plate Assembly—Including PTs and Stabs—ITI Voltage Transformers (One Primary Fuse per Transformer)**

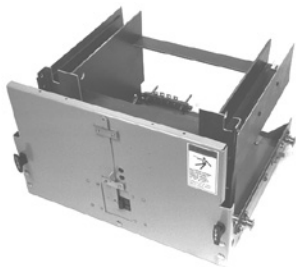
System Line-to-Line Volts	ITI Type	Ratio	Style Number
2400	PTW3	2400/120	<b>1C17613G01</b>
4200	PTW3	4200/120	<b>1C17613G02</b>
4200	PTW3	2400/120	<b>1C17613G04</b>
4800	PTW5	4800/120	<b>Contact factory</b>
7200	PTW5	7200/120	<b>1C17654G01</b>
7200	PTW5	4200/120	<b>1C17614G01</b>
8400	PTW5	8400/120	<b>1C17654G02</b>
8400	PTW5	4800/120	<b>1C17614G02</b>
12500	PTW5	12000/120	<b>1C17654G03</b>
12500	PTW5	7200/120	<b>1C17614G03</b>
13200	PTW5	13200/120	<b>1C17654G04</b>
13200	PTW5	7620/120	<b>1C17614G04</b>
14400	PTW5	14400/120	<b>1C17654G05</b>
14400	PTW5	8400/120	<b>1C17614G05</b>

**Table 17. Line-to-Ground Transformers (One Primary Fuse per Transformer) Includes PT Only—Fuses, Fuse Clips, and the Mounting Plate Assembly Are Not Included**

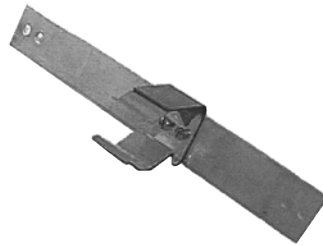
System Line-to-Line Volts	ITI Type	Ratio	Style Number
2400	PTW3	2400/120	<b>3A40267H01</b>
4200	PTW3	4200/120	<b>3A40267H02</b>
4200	PTW3	2400/120	<b>3A40267H03</b>
4800	PTW5	4800/120	<b>Contact factory</b>
7200	PTW5	7200/120	<b>3A40267H05</b>
7200	PTW5	4200/120	<b>3A40267H06</b>
8400	PTW5	8400/120	<b>3A40267H07</b>
8400	PTW5	4800/120	<b>3A40267H08</b>
12500	PTW5	12000/120	<b>3A40267H09</b>
12500	PTW5	7200/120	<b>3A40267H10</b>
13200	PTW5	13200/120	<b>3A40267H11</b>
13200	PTW5	7620/120	<b>3A40267H12</b>
14400	PTW5	14400/120	<b>3A40267H13</b>
14400	PTW5	8400/120	<b>3A40267H14</b>

**Note:** Please contact the factory for part numbers and pricing for replacement parts included in the ITI mounting plate assemblies.

**Control power transformers**



Control Power Transformer  
Basic Chassis



Fuse Link Extension Kit

**Note:** The control power transformer chassis does not include the control power transformer, the primary fuses, or the secondary breaker.

**Note:** Required for control power transformer primary fuses that are 8.12 and 11.50 inches in length.



Control Power Transformer



Control Power Transformer  
Secondary Breaker (Two-Pole)

**Table 18. Control Power Transformers Primary Fuses**

Fuse Rating	Fuse Size (in Inches)		Style Number
	Length	Diameter	
5.5 kV-3.0E	8.12	1.62	<b>677C453G07</b>
5.5 kV-5.0E	8.12	1.62	<b>677C453G01</b>
5.5 kV-10.0E	8.12	1.62	<b>677C453G04</b>
8.3 kV-3.0E	11.50	1.62	<b>677C453G08</b>
8.3 kV-5.0E	11.50	1.62	<b>677C453G02</b>
8.3 kV-10.0E	11.50	1.62	<b>677C453G05</b>
15.5 kV-1.0E	11.50	1.62	<b>5981C07G05</b>
15.5 kV-1.5E	11.50	1.62	<b>677C452G10</b>
15.5 kV-3.0E	16.12	1.62	<b>677C453G09</b>
15.5 kV-5.0E	16.12	1.62	<b>677C453G03</b>

**Table 19. Auxiliary Drawer Chassis and Extension Kits**

Description	Style Number
Control power transformer basic chassis ①	<b>6511C30G04</b>
Fuse link extension kit ②	<b>8276A95G01</b>

① The control power transformer chassis does not include the control power transformer, the primary fuses, or the secondary breaker.

② Required for control power transformer primary fuses that are 8.12 and 11.50 inches in length.

**Table 20. Control Power Transformers Secondary Breaker (Two-Pole)**

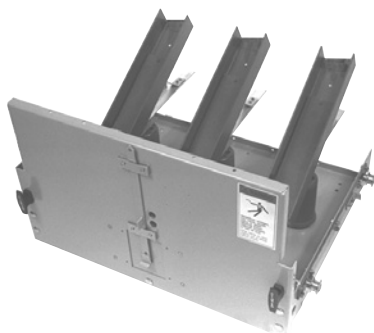
CPT (kVA Rating)	Breaker Rating	Catalog Number
5	25	<b>GHC2025</b>
10	50	<b>GHC2050</b>
15	80	<b>GHC2080</b>

**Table 21. Control Power Transformers ①**

Rated Primary Voltage	kVA Rating	Recommended Fuse Rating	Style Number
<b>ABB</b>			
2400	5	5.5 kV-5.0E	<b>506A004H01</b>
2400	10	5.5 kV-10.0E	<b>506A004H02</b>
2400	15	5.5 kV-10.0E	<b>506A004H03</b>
4160	5	5.5 kV-3.0E	<b>506A004H05</b>
4160	10	5.5 kV-5.0E	<b>506A004H06</b>
4160	15	5.5 kV-5.0E	<b>506A004H07</b>
4800	5	8.3 kV-3.0E	<b>506A004H25</b>
4800	10	8.3 kV-3.0E	<b>506A004H26</b>
4800	15	8.3 kV-5.0E	<b>506A004H27</b>
7200	5	8.3 kV-3.0E	<b>506A004H13</b>
7200	10	8.3 kV-3.0E	<b>506A004H14</b>
7200	15	8.3 kV-3.0E	<b>506A004H15</b>
8400	5	15.5 kV-3.0E	<b>506A004H28</b>
8400	10	15.5 kV-3.0E	<b>506A004H29</b>
8400	15	15.5 kV-3.0E	<b>506A004H30</b>
12470	5	15.5 kV-3.0E	<b>506A004H17</b>
12470	10	15.5 kV-1.5E	<b>506A004H18</b>
12470	15	15.5 kV-3.0E	<b>506A004H19</b>
13200	5	15.5 kV-1.0E	<b>506A004H21</b>
13200	10	15.5 kV-1.5E	<b>506A004H22</b>
13200	15	15.5 kV-3.0E	<b>506A004H23</b>
13800	5	15.5 kV-1.0E	<b>506A004H31</b>
13800	10	15.5 kV-1.0E	<b>506A004H32</b>
13800	15	15.5 kV-3.0E	<b>506A004H33</b>
<b>ITI</b>			
2400	5	5.5 kV-5.0E	<b>3A39136H01</b>
2400	10	5.5 kV-10.0E	<b>3A39136H02</b>
2400	15	5.5 kV-10.0E	<b>3A39136H03</b>
4160	5	5.5 kV-3.0E	<b>3A39136H05</b>
4160	10	5.5 kV-5.0E	<b>3A39136H06</b>
4160	15	5.5 kV-5.0E	<b>3A39136H07</b>
4800	5	8.3 kV-3.0E	<b>3A39136H25</b>
4800	10	8.3 kV-3.0E	<b>3A39136H26</b>
4800	15	8.3 kV-5.0E	<b>3A39136H27</b>
7200	5	8.3 kV-3.0E	<b>3A39136H13</b>
7200	10	8.3 kV-3.0E	<b>3A39136H14</b>
7200	15	8.3 kV-3.0E	<b>3A39136H15</b>
8400	5	15.5 kV-3.0E	<b>3A39136H28</b>
8400	10	15.5 kV-3.0E	<b>3A39136H29</b>
8400	15	15.5 kV-3.0E	<b>3A39136H30</b>
12470	5	15.5 kV-3.0E	<b>3A39136H17</b>
12470	10	15.5 kV-1.5E	<b>3A39136H18</b>
12470	15	15.5 kV-3.0E	<b>3A39136H19</b>
13200	5	15.5 kV-1.0E	<b>3A39136H21</b>
13200	10	15.5 kV-1.5E	<b>3A39136H22</b>
13200	15	15.5 kV-3.0E	<b>3A39136H23</b>
13800	5	15.5 kV-1.0E	<b>3A39136H31</b>
13800	10	15.5 kV-1.0E	<b>3A39136H32</b>
13800	15	15.5 kV-3.0E	<b>3A39136H33</b>

① All control power transformers have 1± 7.5% primary tap and a 120/240 volt secondary.

**Drawout fuses**



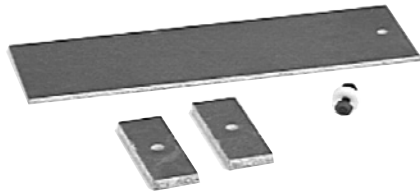
Drawout Fuse Basic Chassis

**Note:** Basic chassis does not include the high voltage fuse clips, fuses, or the required key interlocking with the secondary load breaker. The chassis is designed for a Kirk Key type F interlock with zero projection. The chassis will accommodate the fuses listed below, and the voltage transformer fuses listed on **page 9** and the control power transformer fuses listed on **page 11**.



Fuse Link Extension Kit

**Note:** Required for drawout fuses that are 14 and 16 inches in length.



Fuse Barrier

**Note:** Required one per fuse.



Fuse Stab Top Contact



Fuse Stab Bottom Contact

**Table 22. Auxiliary Drawer Parts**

Description	Style Number
Drawout fuse basic chassis ①	6511C24G04
Fuse link extension kit ②	3A38293G01
Fuse barrier ③	
Used with 11- or 14-inch fuses	8244A04G01
Used with 16-inch fuses	8244A04G02
Fuse stab top contact	8276A25H01
Fuse stab bottom contact	8276A27H02

① Basic chassis does not include the high voltage fuse clips, fuses, or the required key interlocking with the secondary load breaker. The chassis is designed for a Kirk Key type F interlock with zero projection. The chassis will accommodate the fuses listed below and the voltage transformer fuses listed on **page 9** and the control power transformer fuses listed on **page 11**.

② Required for drawout fuses that are 14 and 16 inches in length.

③ Required one per fuse.

**Table 23. Primary Fuses ①**

Fuse Rating	Fuse Size (in Inches)		Style Number
	Length	Diameter	
5.5 kV-15E	11.50	2.00	678C240G04
5.5 kV-20E	11.50	2.00	678C240G05
5.5 kV-25E	11.50	2.00	678C240G06
8.3 kV-15E	14.00	2.00	678C240G07
8.3 kV-20E	14.00	2.00	678C240G08
8.3 kV-25E	14.00	2.00	678C240G09
15.5 kV-10E	16.12	1.62	677C453G06

① See primary fuses photo on **page 9**.

## Auxiliary drawer components



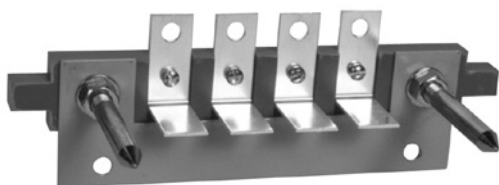
Fuse Clip Mounting Kit



Bearing Wheel Assembly



Chassis Handle

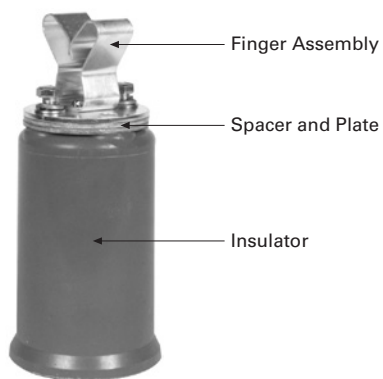


Male Secondary Contact Assembly

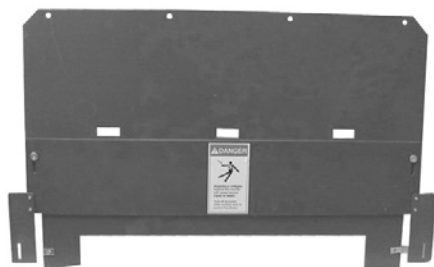
**Table 24. Auxiliary Drawer Components**

Description	Style Number
Fuse clip mounting kit	
Drawout fuse chassis (1.62 fuse diameter)	<b>3A38296G01</b>
Drawout fuse chassis (2.00 fuse diameter)	<b>3A38296G02</b>
CPT chassis (1.62 fuse diameter)	<b>3A38296G03</b>
Bearing wheel assembly	<b>3A38294G01</b>
Chassis handle	<b>8341A34H01</b>
Male secondary contact assembly	<b>6511C08G02</b>

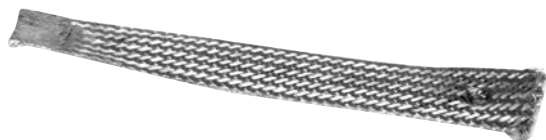
## Auxiliary cubicle components



Standoff Insulator

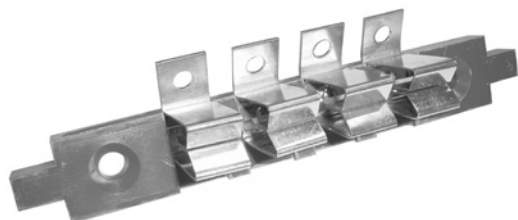


Shutter Assembly (CPT Assembly Shown)



Ground Strap

**Note:** Required one per fuse.



Female Secondary Contact Assembly



Stationary Rail Assembly

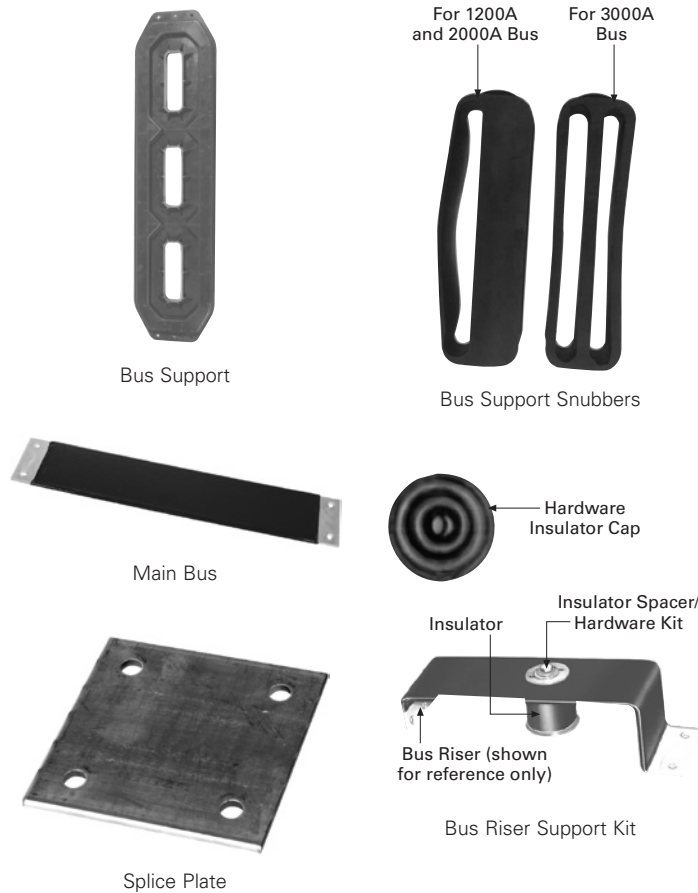
**Table 25. Auxiliary Cubicle Components**

Description	Style Number
<b>Standoff Insulator Parts</b>	
6-inch glass polyester insulator	5227B11H06
6-inch porcelain insulator	8289A17H01
Spacer	8080A24H01
Plate	8080A59H01
Finger (two required per assembly)	3755A05H01
<b>Shutter Assembly</b>	
Voltage transformers	6511C10G02
Control power transformers	6511C10G02
Drawout fuses	6511C10G03
<b>Ground Straps</b> ①	
For 15 kV voltage transformers	8346A74G01 ①
For 5 kV voltage transformers	8346A74G05 ①
For 5 and 15 kV control power transformers	8346A74G02 ①
For 5 and 15 kV drawout fuses	8346A74G03 ①
<b>Assembly</b>	
Female secondary contact assembly	6511C09G02
Left-hand stationary rail assembly	6511C25G01
Right-hand stationary rail assembly	6511C26G01

① Required one per fuse.

## Bus compartment

### Bus supports



**Table 26. Bus Riser Support Kit (Includes Hardware and Hardware Insulator Cap)**

Required per Unit	Size (in Inches)	Ampere Rating	Style Number
1	0.25 x 6.00	1200	<b>6436C66G02</b>
1	0.25 x 4.00	1200	<b>6436C66G02</b>
1	0.50 x 6.00	2000	<b>6436C66G03</b>
1	0.38 x 6.00	3000	<b>6436C66G04</b>

**Table 27. Bus Riser Support Parts**

Description	Style Number
3.5-inch glass polyester insulator	<b>8289A17H13</b>
3.5-inch porcelain insulator	<b>8289A17H03</b>
Insulator spacer/hardware kit	<b>8346A75G01</b>
Hardware insulator cap	<b>3A37452H01</b>

**Table 28. Bus Support**

Description	Style Number
Glass polyester 5 and 15 kV	<b>6355C58H01</b>
Porcelain 15 kV	<b>6355C77G01</b>

**Table 29. Bus Support Snubbers**

Description	Style Number
For 0.25-inch x 6-inch bus—1200A	<b>6362C41H01</b>
For 0.25-inch x 4-inch bus—1200A	<b>1C17655H01</b>
For 0.50-inch x 6-inch bus—2000A	<b>6359C19H01</b>
For two 0.375-inch x 6-inch bus—3000A	<b>6359C20H01</b>

**Table 30. Main Bus with Required Drilling and Fluidized Insulation**

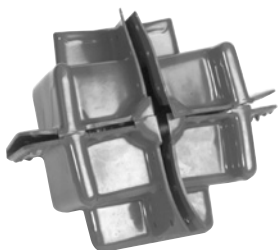
1200A = One 0.25 x 6.00 or one 0.25 = 4.00  
 2000A = One 0.50 x 6.00  
 3000A = Two 0.375 x 6.00  
 (All busbars are 34 inches in length.)

Required per Unit	Ampere Rating	Thickness in Inches	Type of Plating	Style Number
3	1200	0.25 x 6.00	Tin	<b>509B044H01</b>
3	1200	0.25 x 4.00	Tin	<b>1C18370H04</b>
3	2000	0.50 x 6.00	Tin	<b>509B044H02</b>
6	3000	0.375 x 6.00	Tin	<b>509B044H03</b>
3	1200	0.25 x 6.00	Silver	<b>509B044H06</b>
3	1200	0.25 x 4.00	Silver	<b>1C18370H01</b>
3	2000	0.50 x 6.00	Silver	<b>509B044H07</b>
6	3000	0.375 x 6.00	Silver	<b>509B044H08</b>

**Table 31. Splice Plates (Silver-Plated Copper)**

Description	Style Number
<b>6-inch Bus</b>	
0.25-inch without inserts	<b>8080A40H01</b>
0.25-inch with inserts	<b>8080A47G01</b>
0.25-inch spacer	<b>8080A38H01</b>
0.375-inch spacer	<b>8080A39H01</b>
<b>4-inch Bus</b>	
0.25-inch without inserts	<b>3A39347H05</b>
0.25-inch with inserts	<b>3A39347G02</b>
0.25-inch spacers	<b>1C16096H10</b>

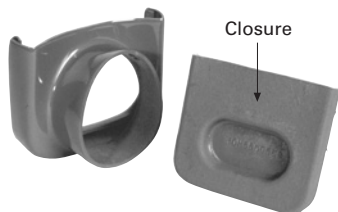
**Boots**



Main Bus or Butt Joint Boot



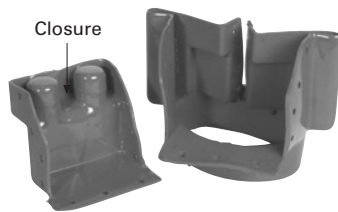
Copper to Bus Run Boot



Breaker Stud Boot Bus Side and Closure



90° Turn Lap Joint Boot



Breaker Stud Boot Line Side and Closure



User Cable Termination Boot

**Table 32. Boots**

Description	Style Number
<b>Main Bus or Butt Joint Boot</b>	
1200/2000A, 1/2/3 way, 6-inch bus	1C14751H01
1200/2000A, 4 way, 6-inch bus	1C14751H02
3000A, 6-inch bus	1C14759H01
1200A, 4 way, 4-inch bus	1C18509H01
<b>Breaker Stud Boot Bus Side and Closure</b>	
1200A stud	6359C17H01 ①
1200A closure	6359C90H01 ①
2000A stud	6359C66H01 ①
2000A closure	6359C97H01 ①
3000A stud	6359C99H01 ①
3000A closure	6359C98H01 ①
<b>Breaker Stud Boot Line Side and Closure</b>	
1200A stud	6531C80H01 ①
1200A closure	6531C81H01 ①
2000A stud	6531C82H01 ①
2000A closure	6531C83H01 ①
3000A stud	6359C99H01 ①
3000A closure	6359C98H01 ①

① Three sets required per breaker.

**Table 33. Boots**

Description	Style Number
<b>Copper to Bus Run Boot</b>	
1200A (RH)	6438C25H01
1200A (LH)	6438C26H01
1200A (CTR)	6438C27H01
2000A (RH)	6438C32H01
2000A (LH)	6438C33H01
2000A (CTR)	6438C34H01
3000A (RH)	6438C28H01
3000A (LH)	6438C29H01
3000A (CTR)	6438C30H01
<b>90° Turn Lap Joint Boot</b>	
1200A	6364C01H01
2000A	6364C02H01
<b>User Cable Termination Boot</b>	
1200A single row of terminals— solid copper riser and terminal adapter	SC00471H01
1200A double row of terminals— solid copper riser and terminal adapter	SC00472H01
2000A single row of terminals— solid copper riser and terminal adapter	SC00471H02
2000A double row of terminals— solid copper riser and terminal adapter	SC00472H02
1200A one and two cables per phase-bolted terminal adapter	1C17370H01
1200A three cables per phase-bolted terminal adapter	1C17371H01
2000A one and two cables per phase-bolted terminal adapter	1C17370H02
2000A three cables per phase-bolted terminal adapter	1C17371H02

**Note:** Please note that no cable termination boots for 1200A 0.25-inch x 4-inch bus are available at this time.



## Accessories and miscellaneous parts



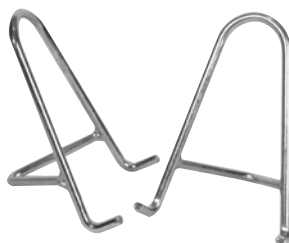
Maintenance Tool



Rail Extensions



Portable Lifting Crane



Rail Clamps



Breaker Ramp Assembly



Levering Crank with Clutch



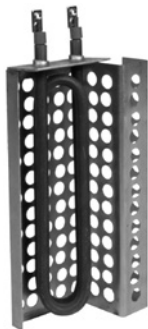
Dockable Dolly



Breaker Lifting Yoke

**Table 34. Accessories and Miscellaneous Parts**

Description	Style Number
VCP-W maintenance tool	8064A02G01
Arc resistant maintenance tool	3A71173G01
Standard levering crank with clutch	701B601G01
Through door levering crank with clutch	701B601G13
Breaker lifting yoke	691C607G01
Portable lifting crane	1C19086H01
Right-hand rail extension	7813C41G01
Left-hand rail extension	7813C41G02
Rail clamps	6511C83G01
Breaker ramp assembly	1C14163G12
Indoor dockable dolly	6510C71G01
Outdoor aisleless dockable dolly	6510C71G03
Arc resistant (longer) breaker ramp assembly	1C18881G01



Space Heater



Test Cabinet

**Note:** Used with a separate power source.



Test Jumper

**Note:** Used with internal power from breaker.



Capacitor Trip

**Table 35. Space Heaters**

Volts	Watts	Style Number
125	250	3614A50H01
250	250	3614A50H02
125	95	3614A50H04
250	100	3614A50H05

**Table 36. Accessories and Miscellaneous Parts**

Description	Style Number
<b>Test Jumper</b> ①	
Used with internal power from breaker	6526C23G01
<b>Test Cabinet</b> ②	
Any DC close and trip combination—standard	8346A28G01
Any AC/DC close and any DC trip separate—standard	8346A28G02
120, 240V AC close, capacitor trip	8346A28G03
Any DC close, trip combination separate motor	8346A28G04
<b>Capacitor Trip</b>	
120V	3A39175G01
240V	3A39175G02

① Used with internal power from breaker.

② Used with a separate power source.

## Technology upgrades

### New replacement front panels

With a new replacement front panel, it is now possible to have state-of-the-art solid-state metering and relaying, with the capability to communicate to a PowerNet™ system. This upgrade also eliminates the need to cut and patch existing panels or replace the complete lineup.

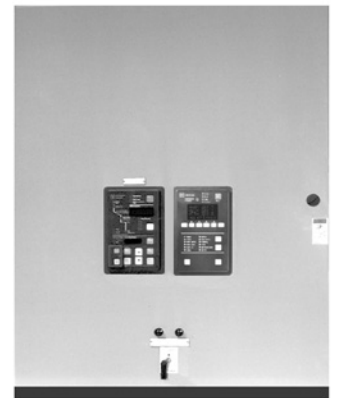
Medium voltage switchgear can be upgraded with solid-state meters and relays to monitor and protect your distribution system. This replacement front panel upgrade capability applies to VCP-W switchgear, 1986–present.

New front panels come with devices mounted and wired. Wire markers and wiring diagrams for each hinge panel are provided for ease of installation. The existing panel is removed, the new panel is set in place, and the solid-state devices are wired into the switchgear unit. Communications can then be tied to PowerNet via a twisted pair.

For availability and ordering instructions, contact the Aftermarket Products Center (APC) in Greenwood, SC: 1-800-345-4072.



Older VCP-W Front Panel  
with Analog Metering and  
Induction Disk Type Relays



New VCP-W Front Panel with  
DT3000 and IQ DP-4000

**Eaton Corporation**  
Electrical Sector  
1111 Superior Ave.  
Cleveland, OH 44114  
United States  
877-ETN-CARE (877-386-2273)  
Eaton.com

© 2011 Eaton Corporation  
All Rights Reserved  
Printed in USA  
Publication No. RP02204001E / Z11481  
August 2011

Eaton is a registered trademark  
of Eaton Corporation.

All other trademarks are property  
of their respective owners.