



Cutler-Hammer

Renewal Parts Data

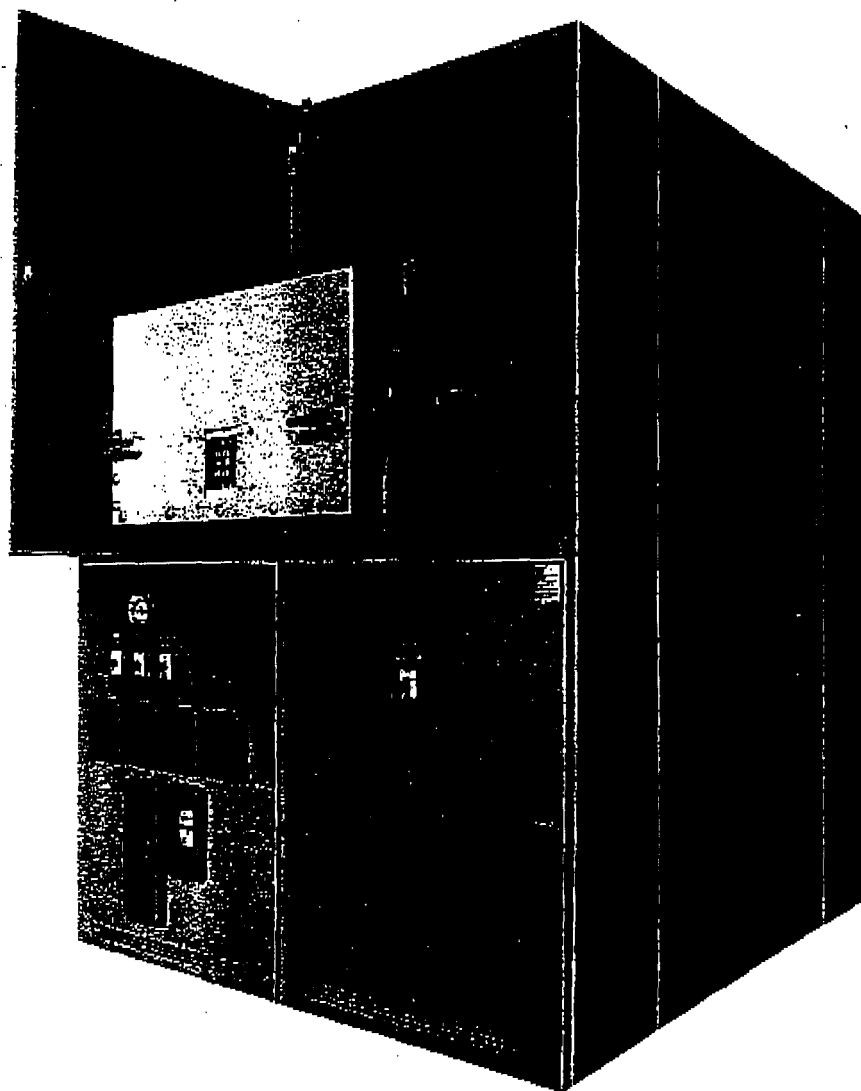
32-255A

Page 1

May, 1996

Supersedes Renewal Parts Data 32-255,
pages 1-12, dated January, 1993

Mailed to: C, D, E /32-000



Westinghouse Vac Clad-W Type VCP-W 5 and 15kV Switchgear Components

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Renewal Parts Data

32-255A

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FRONT PANEL COMPONENTS

Typical Front Panel

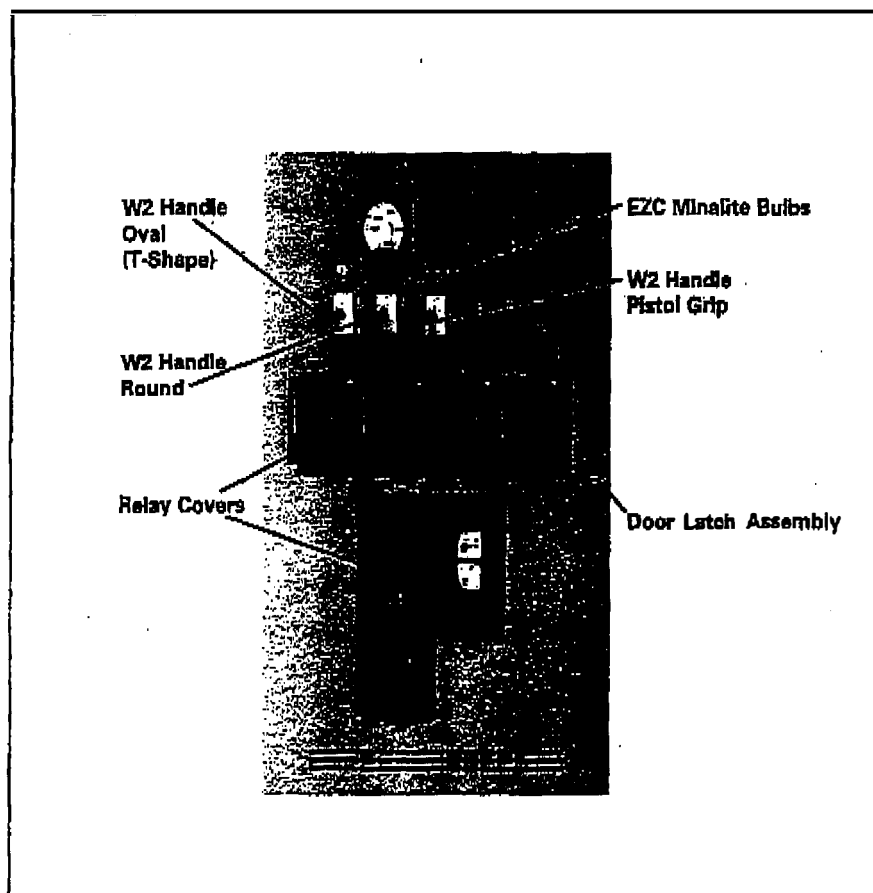


Figure 3.1

W2 Handles

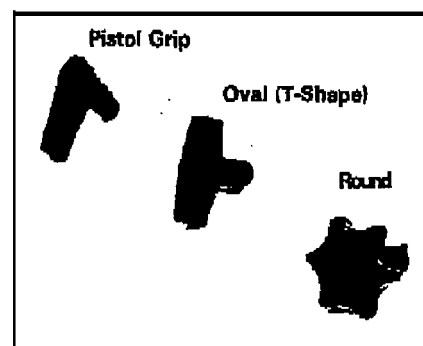


Figure 3.2
Pistol Grip
Oval (T-Shape)
Round

310C624H02
601B787H01
310C624H01

Door Latch Assemblies

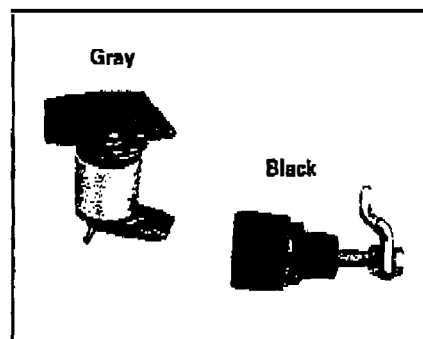


Figure 3.3
Gray
Black

B244A12G01
B346A76H01

Minalite Bulbs

	Description	Figure Number	Part Number
	Incandescent Type E22 (48/50V, 1W)	3.4	28-2468-18
	LED Type E22 (48V, 20mA)		
	Red	3.4	35-1522-16
	Green	3.4	35-1522-17
	Yellow	3.4	35-1522-18
	Amber	3.4	35-1522-24

Figure 3.4

Relay Cover

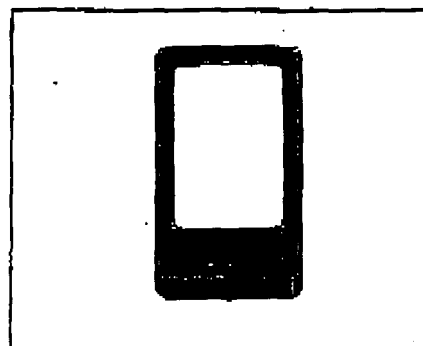


Figure 3.5
Order by description. Provide type of relay and style number.



BREAKER PAN ASSEMBLY

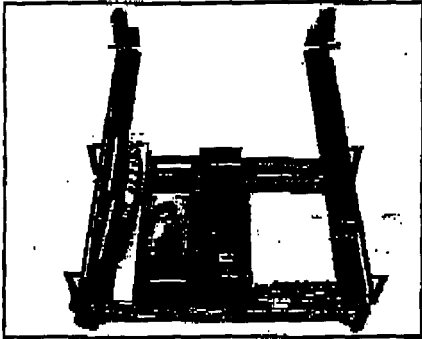
Pan Assembly

Figure 5.1

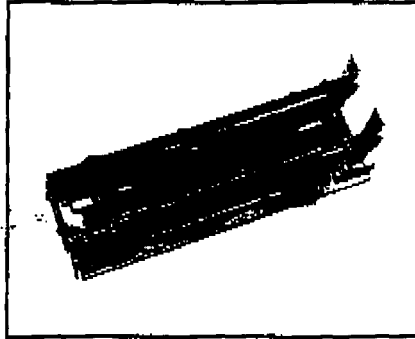
Levering-In Assembly

Figure 5.2

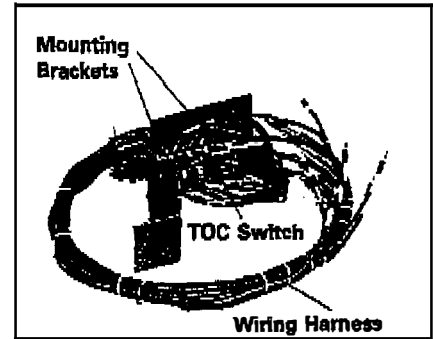
TOC Switch Assembly

Figure 5.3

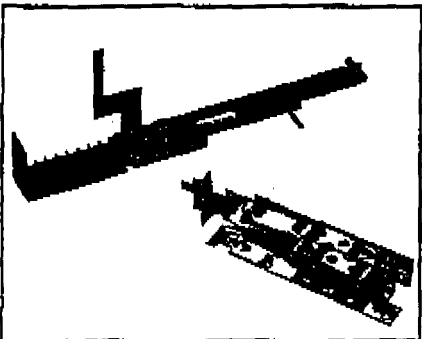
Kirk Key Intlk. Assembly

Figure 5.4

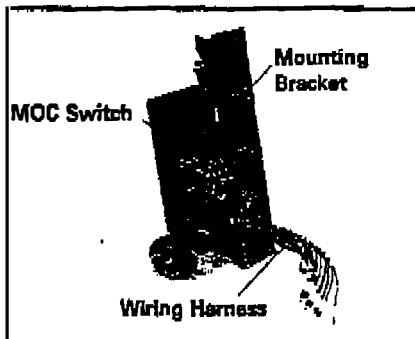
MOC Switch Assembly

Figure 5.5

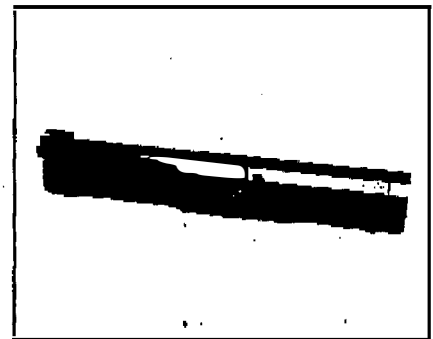
Stationary Rail Assembly

Figure 5.6

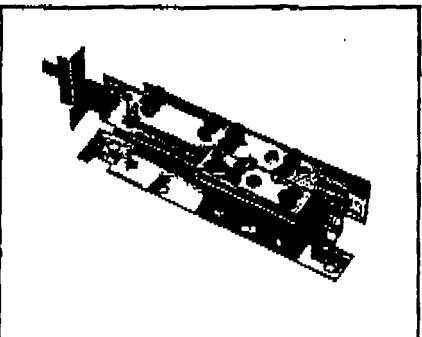
Padlock Intlk. Assembly

Figure 5.7

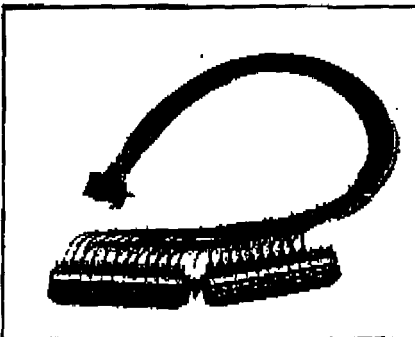
**Stationary Secondary
Contacts and Wiring
Harness**

Figure 5.8

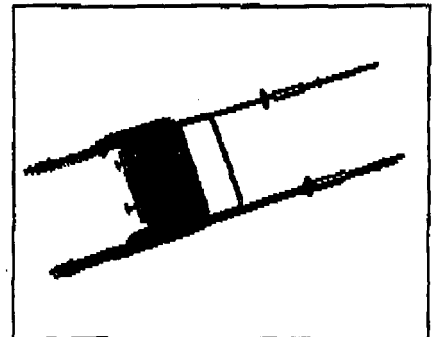
**Secondary Contact
Slide Assembly**

Figure 5.9



BREAKER CUBICLE COMPONENTS

BYZ Zero Sequence CT

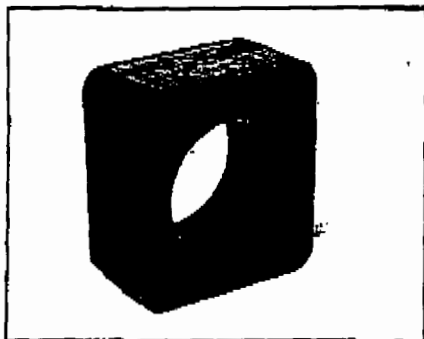


Figure 7.1

Current Transformers

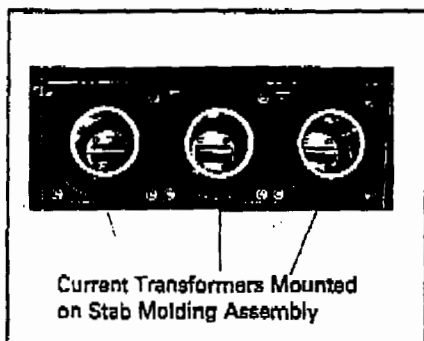


Figure 7.2

CT Mounting Hardware Kit

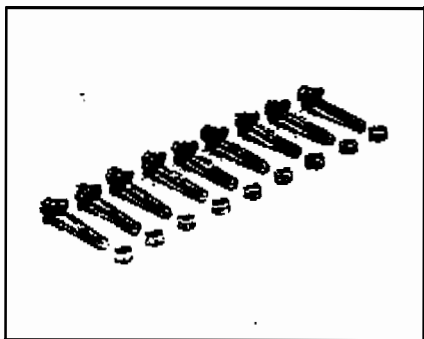


Figure 7.3

Current Transformer Mounting Hardware Kit		
Description	Figure Number	Style Number
With no CTs	7.3	3A38292G01 ●
With 1 Type SCV/Pole	7.3	3A38292G02 ●
With 2 Type SCV/Pole	7.3	3A38292G03 ●
With 1 Type SCV-D/Pole	7.3	3A38292G04 ●
With 1 Type BYZ	7.3	3A38292G05

BYZ Zero Sequence CT			
Ratio	Accuracy Class	Figure Number	Style Number
50/5	C10	7.1	6353C97H01
100/5	C20	7.1	6353C97H02

Current Transformers			
Type SCV Narrow Profile Std. Accuracy			
Ratio	Accuracy Class	Figure Number	Style Number
100/5	C10	7.2	6353C88H01
150/5	C20	7.2	6353C88H02
200/5	C20	7.2	6353C88H03
250/5	C20	7.2	6353C88H04
300/5	C20	7.2	6353C88H05
400/5	C50	7.2	6353C88H06
500/5	C50	7.2	6353C88H07
600/5	C100	7.2	6353C88H08
600/5 (MR)	C100	7.2	6350C23H01
800/5	C100	7.2	6353C88H09
1000/5	C100	7.2	6353C88H10
1200/5	C200	7.2	6353C88H11
1200/5 (MR)	C200	7.2	6350C24H01
1500/5	C200	7.2	6353C88H12
2000/5	C200	7.2	6353C88H13
2000/5 (MR)	C200	7.2	6350C25H01
2500/5	C200	7.2	6353C88H14
3000/5	C200	7.2	6353C88H15
3000/5 (MR)	C200	7.2	6350C26H01
4000/5	C200	7.2	6353C88H16
4000/5 (MR)	C200	7.2	6350C27H01

Type SCV-D Thick Profile High Accuracy			
Ratio	Accuracy Class	Figure Number	Style Number
50/5	C10	7.2	6353C89H01
75/5	C20	7.2	6353C89H02
100/5	C20	7.2	6353C89H03
150/5	C50	7.2	6353C89H04
200/5	C50	7.2	6353C89H05
250/5	C50	7.2	6353C89H06
300/5	C100	7.2	6353C89H07
400/5	C100	7.2	6353C89H08
500/5	C200	7.2	6353C89H09
600/5	C200	7.2	6353C89H10
600/5 (MR)	C200	7.2	6436C48H01
800/5	C200	7.2	6353C89H11
1000/5	C200	7.2	6353C89H12
1200/5	C400	7.2	6353C89H13
1200/5 (MR)	C400	7.2	6436C47H01
1500/5	C400	7.2	6353C89H14
2000/5	C400	7.2	6353C89H15
2000/5 (MR)	C400	7.2	6436C48H01
2500/5	C400	7.2	6353C89H16
3000/5	C400	7.2	6353C89H17
3000/5 (MR)	C400	7.2	6436C49H01
4000/5	C400	7.2	6353C89H18
4000/5 (MR)	C400	7.2	6436C50H01

(MR) = Multi-Ratio Transformers



AUXILIARY DRAWER

Control Power Transformer Basic Chassis ①

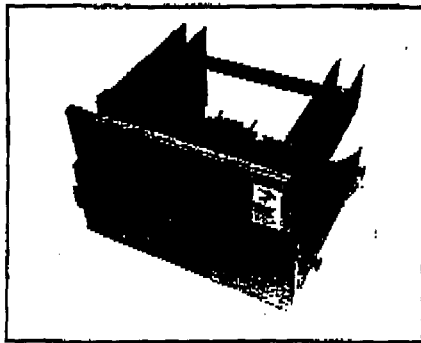


Figure 9.1
Style No.

6517C30G04

Control Power Transformer

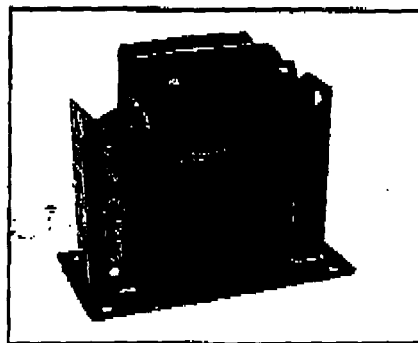


Figure 9.2

Control Power Transformer Secondary Breaker (2 pole)

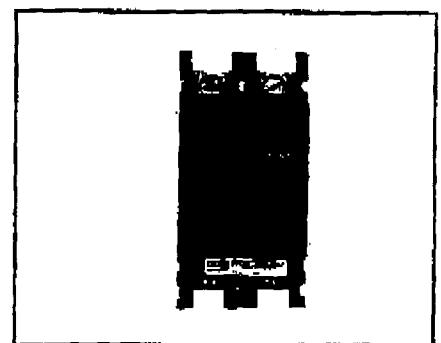


Figure 9.3

Fuse Link Extension Kit ②

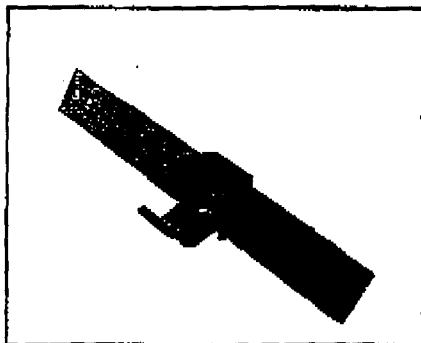


Figure 9.4
Style No.

8276A35G01

Control Power Transformers Primary Fuses				
Rating	Size Length	Diameter	Figure Number	Style Number
5.5kV- 3.0E	8.12	1.62	8.4	677C453G07
5.5kV- 5.0E	8.12	1.62	8.4	677C453G01
5.5kV-10.0E	8.12	1.62	8.4	677C453G04
8.3kV- 3.0E	11.5	1.62	8.4	677C453G08
8.3kV- 5.0E	11.5	1.62	8.4	677C453G02
8.3kV-10.0E	11.5	1.62	8.4	677C453G05
15.5kV- 1.0E	11.5	1.62	8.4	677C452G08
15.5kV- 1.5E	11.5	1.62	8.4	677C452G10
15.5kV- 3.0E	16.12	1.62	8.4	677C453G05
15.5kV- 5.0E	16.12	1.62	8.4	677C453G03

Control Power Transformers				
Rated Primary Voltage	KVA Rating	Recommended Fuse Rating	Figure Number	Style Number
2400	5	5.5kV- 5.0E	9.2	506A004H01
2400	10	5.5kV-10.0E	9.2	506A004H02
2400	15	5.5kV-10.0E	9.2	506A004H03
4180	5	5.5kV- 3.0E	9.2	506A004H05
4160	10	5.5kV- 5.0E	9.2	506A004H08
4160	15	5.5kV- 5.0E	9.2	506A004H07
4800	5	8.3kV- 3.0E	9.2	506A004H25
4800	10	8.3kV- 3.0E	9.2	506A004H26
4800	15	8.3kV- 5.0E	9.2	506A004H27
7200	5	8.3kV- 3.0E	9.2	506A004H13
7200	10	8.3kV- 3.0E	9.2	506A004H14
7200	15	8.3kV- 3.0E	9.2	506A004H15
8400	5	15.5kV- 3.0E	9.2	506A004H28
8400	10	15.5kV- 3.0E	9.2	506A004H29
8400	15	15.5kV- 3.0E	9.2	506A004H30
12470	5	15.5kV- 3.0E	9.2	506A004H17
12470	10	15.5kV- 1.5E	9.2	506A004H18
12470	15	15.5kV- 3.0E	9.2	506A004H19
13200	5	15.5kV- 1.0E	9.2	506A004H21
13200	10	15.5kV- 1.5E	9.2	506A004H22
13200	15	15.5kV- 3.0E	9.2	506A004H23
13800	5	15.5kV- 1.0E	9.2	506A004H31
13800	10	15.5kV- 1.0E	9.2	506A004H32
13800	15	15.5kV- 3.0E	9.2	506A004H33

Control Power Transformers Secondary Breaker (2 pole)			
CPT (KVA) Rating	Breaker Rating	Figure Number	Catalog Number
5	20	9.3	QC2020
10	50	9.3	QC2050
15	70	9.3	QC2070

① The Control Power Transformer Chassis does NOT include the control power transformer, the primary fuses or the secondary breaker.

② All Control Power Transformers have 1± 7 1/2 % Primary Tap and a 120/240 volt secondary.

③ Required for Control Power Transformer primary fuses that are 8.12 and 11.50 inches in length.



AUXILIARY DRAWER COMPONENTS

Bearing Wheel Assembly

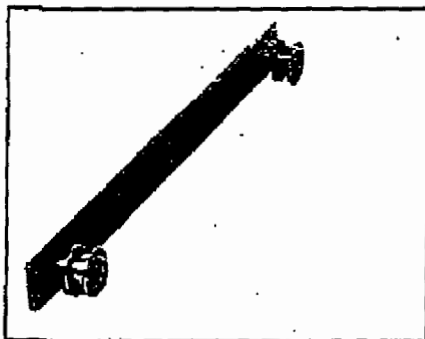


Figure 11.1
Style No.

3A38294G01

Chassis Handle

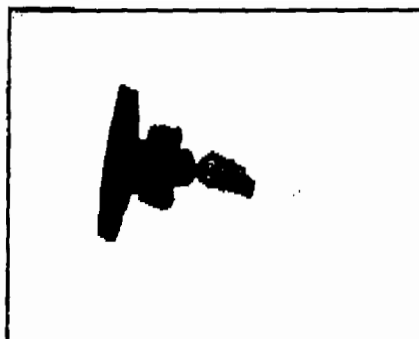


Figure 11.2
Style No.

B347A34H01

Male Secondary Contact Assembly

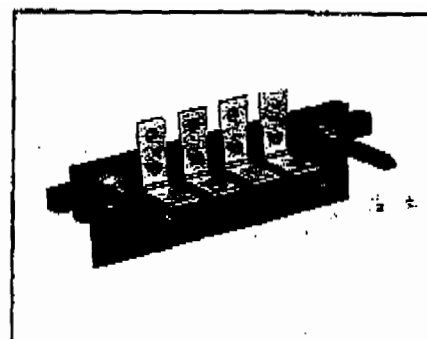


Figure 11.3
Style No.

0511C08G02

Fuse Clip Mounting Kit



Figure 11.4

Fuse Clip Mounting Kit			
Description	Fuse Diameter	Figure Number	Style Number
Drawout Fuse Chassis	1.62	11.4	3A38296G01
Drawout Fuse Chassis	2.00	11.4	3A38296G02
CPT Chassis	1.62	11.4	3A38296G03



BUS COMPARTMENT

Bus Support

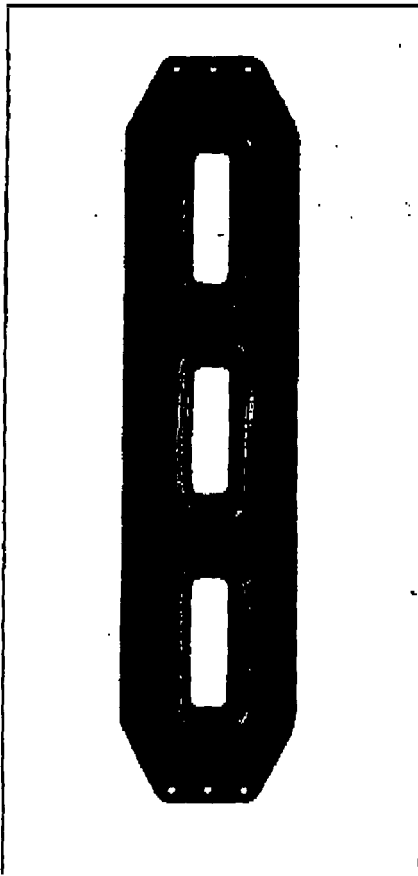


Figure 13.1
Glass Polyester 5 & 15kV
Porcelain 15kV

6385C58H01
6385C77G01

Bus Support Snubbers

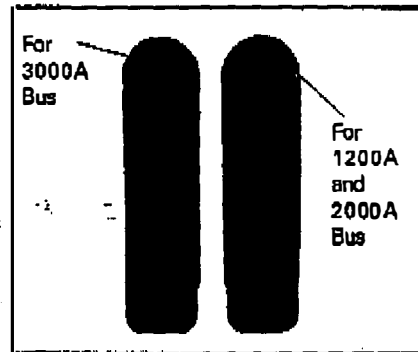


Figure 13.2
1200A
2000A
3000A

6362C41H01
6369C19H01
6369C20H01

Bus Riser Support Kit

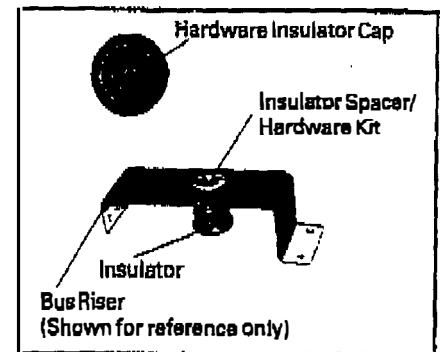


Figure 13.3

Main Bus

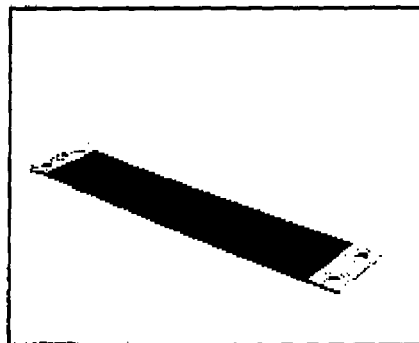


Figure 13.4

Splice Plate

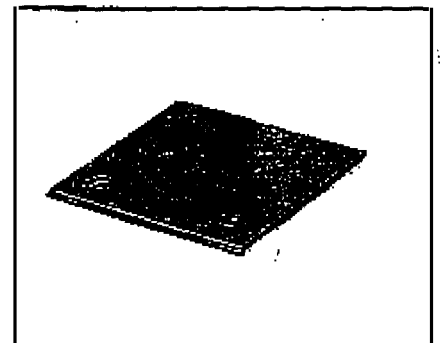


Figure 13.5

Bus Riser Support Kit (Includes Insulator, Hardware, and Hardware Insulator Cap)				
Required Per Unit	Size	Amp Rating	Figure Number	Style Number
1	.250 X 6.00	1200	13.3	6436C66G02
1	.500 X 6.00	2000	13.3	6436C66G03
1	.375 X 6.00	3000	13.3	6436C66G04

Bus Riser Support Parts		
Description	Figure Number	Style Number
3.5 in. Glass Polyester Insulator	13.3	8289A17H13
3.5 in. Porcelain Insulator	13.3	8289A17H03
Insulator Spacer/Hardware Kit	13.3	8346A76G01
Hardware Insulator Cap	13.3	3A37452H01

Main Bus with Required Drilling and Fluidized Insulation					
1200A = 1 - .250" X 6"					
2000A = 1 - .500" X 6"					
3000A = 2 - .375" X 6"					
All bus bars are 34 inches in length					
Required Per Unit	Amp Rating	Thickness	Type of Plating	Figure Number	Style Number
3	1200	.250	Tin	13.4	509B044H01
3	2000	.500	Tin	13.4	509B044H02
6	3000	.375	Tin	13.4	509B044H03
3	1200	.250	Silver	13.4	509B044H06
3	2000	.500	Silver	13.4	509B044H07
6	3000	.375	Silver	13.4	509B044H08

Splice Plates (Silverplated Copper)		
Description	Figure Number	Style Number
.250 in. w/o Inserts	13.5	8080A40H01
.250 in. w/Inserts	13.5	8080A47G01
.250 in. Spacer	13.5	8080A38H01
.375 in. Spacer	13.5	8080A39H01



BUS COMPARTMENT

Copper to Bus Run Boot

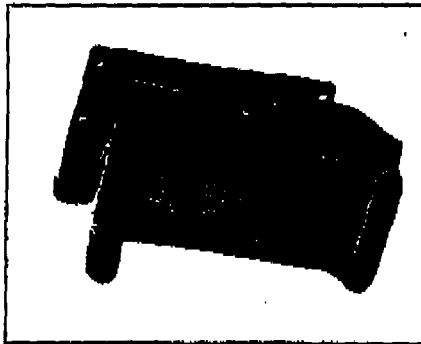


Figure 15.1

90° Turn Lap Joint Boot

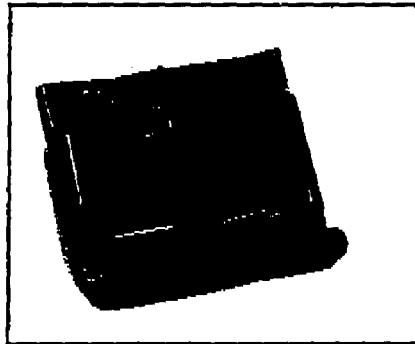


Figure 15.2

User Cable Termination Boot

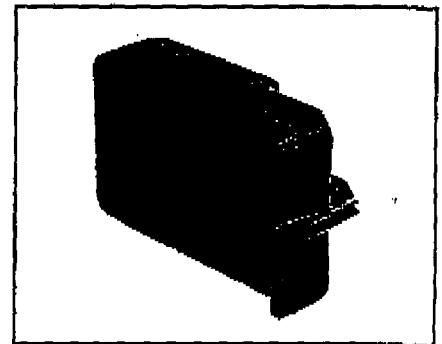


Figure 15.3

Boots		
Description	Figure Number	Style Number
Copper to Bus Run Boot, 1200A (RH)	15.1	6438C25H01
Copper to Bus Run Boot, 1200A (LH)	15.1	6438C26H01
Copper to Bus Run Boot, 1200A (CTR)	15.1	6438C27H01
Copper to Bus Run Boot, 2000A (RH)	15.1	6438C32H01
Copper to Bus Run Boot, 2000A (LH)	15.1	6438C33H01
Copper to Bus Run Boot, 2000A (CTR)	15.1	6438C34H01
90° Turn Lap Joint Boot, 1200A	15.2	6364C01H01
90° Turn Lap Joint Boot, 2000A	15.2	6364C02H01
User Cable Termination Boot, 1200A-Single Row of Terminals	15.3	SC00471H01
User Cable Termination Boot, 2000A-Single Row of Terminals	15.3	SC00471H02
User Cable Termination Boot, 1200A-Double Row of Terminals	15.3	SC00472H01
User Cable Termination Boot, 2000A-Double Row of Terminals	15.3	SC00472H02



ACCESSORIES and MISCELLANEOUS PARTS

Test Jumper ⓐ

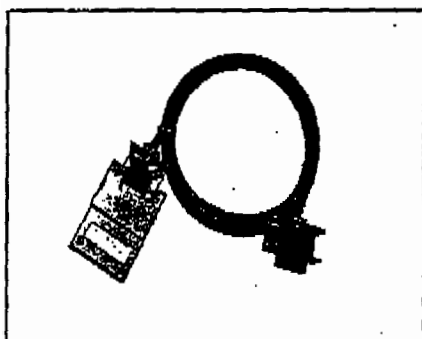


Figure 17.1
Style Number

6526C23G010

Space Heater

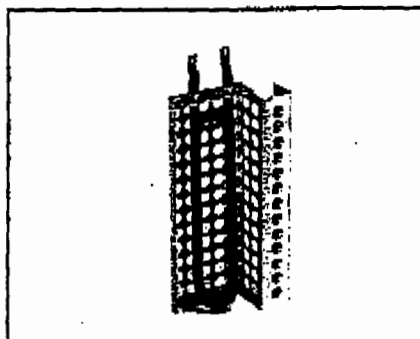


Figure 17.2

Space Heaters			
Volts	Watts	Figure Number	Style Number
125	250	17.2	3614A50H01
250	250	17.2	3614A50H02
125	95	17.2	3614A50H04
250	100	17.2	3614A50H05

Test Cabinet ⓐ

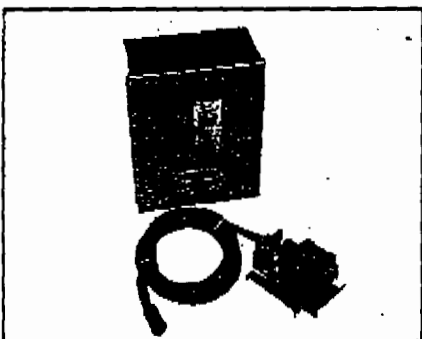


Figure 17.3

Test Cabinet ⓐ

Description	Figure Number	Style Number
Any DC Close and Trip Combination-Standard	17.3	8346A28G01
Any AC/DC Close and Any DC Trip Separate- Standard	17.3	8346A28G02
120, 240VAC Close, Capacitor Trip	17.3	8346A28G03
Any DC Close, Trip Combination Separate Motor	17.3	8346A28G04

Capacitor Trip

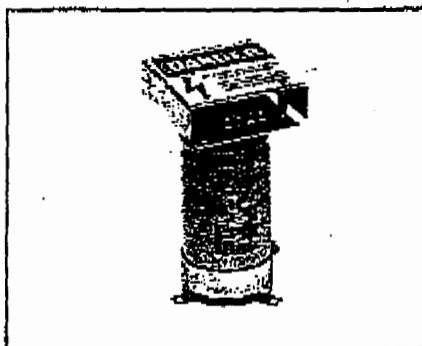


Figure 17.4
Style Number(120 or 240V)

689C166G02

ⓐ Used with internal power from the breaker.

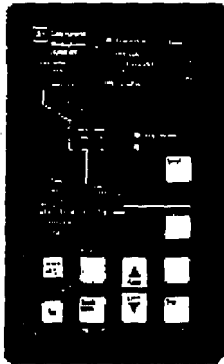
ⓑ Used with a separate power source.



TECHNOLOGY UPGRADES

Optional Solid State Meters and Relays

Digitrip MV



Digitrip MV is a true RMS sensing, diagnostic programmable medium voltage trip unit. It is designed to provide a wide range of circuit protection, monitoring, and control capabilities for utility, industrial, and commercial electric power distribution systems. It provides unparalleled protection and coordination for medium voltage switchgear. Only one trip unit is required for each

three phase circuit. Current monitoring and operator selectable protective functions are integral to each trip unit. A single trip unit replaces some 30 styles of conventional electromagnetic and induction disk overcurrent relays.

IQ DP-4000



The IQ DP-4000 is the newest member to the IQ metering and protection family. It replaces the IQ Data Plus II. This microprocessor-based monitoring and protective device provides complete electrical metering and system voltage protection. In one standard package, it provides an alternative to individually mounted and wired ammeter, voltmeter, ammeter and voltmeter switches, watt-

meter, varmeter, power factor meter, frequency meters, watthour and demand meters. Improvements include: higher accuracy for volts and amps (0.5%), and new meter parameters including Apparent Power (VA), Reactive Energy (VAR-Hours), Apparent Energy (VA-Hours) and %THD for current and voltage. The new IQ DP-4000 also provides Min/Max values for Current, Voltage, Watts, Vars, VA, Power Factor and Frequency. The IQ DP-4000 meets and surpasses UL/CSA/CE standards.

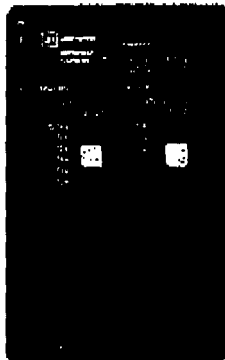
IQ Analyzer



With the continuing increase of nonlinear loads in industrial and commercial facilities, the quality of electrical power is becoming even more important. Many industrial processes are extremely sensitive to power quality problems. Processes can be disrupted by voltage or frequency variances resulting in expensive downtime and costly equipment failures.

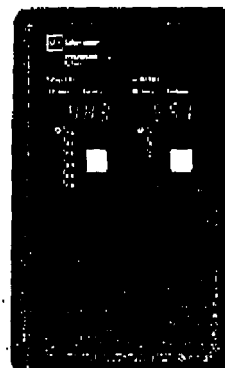
The IQ Analyzer is a complete solution for users who want to monitor all aspects of their electrical distribution system. It provides extensive metering, power quality analysis, remote input monitoring, control relaying, analog input/outputs and communication capability.

IQ Generator



The IQ Generator is a microprocessor-based monitoring device that provides simultaneous current, voltage and frequency metering. In one standard package, it provides an alternative to individually mounted and wired ammeter, voltmeter, ammeter and voltmeter switches, and frequency meters.

IQ Data



The IQ Data is a microprocessor-based monitoring device that provides simultaneous current and voltage metering. In one standard package, it provides an alternative to individually mounted and wired ammeter, voltmeter, and ammeter and voltmeter switches.

Renewal Parts Data

32-255A

Page 8



AUXILIARY DRAWER

**Voltage Transformer
Basic Chassis ①**

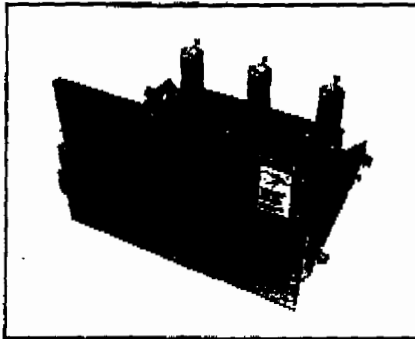


Figure 8.1
Style No.

1C14523G03 ①

**Line To Ground
Voltage Transformer**

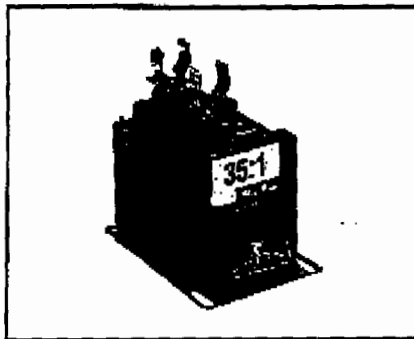


Figure 8.2

**Secondary
Pull Fuse Assembly ②**

**Line To Line
Voltage Transformer**

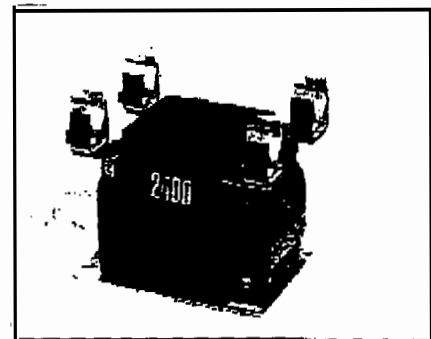


Figure 8.3

**Primary Contact
Insulator Assembly**

Primary Fuses

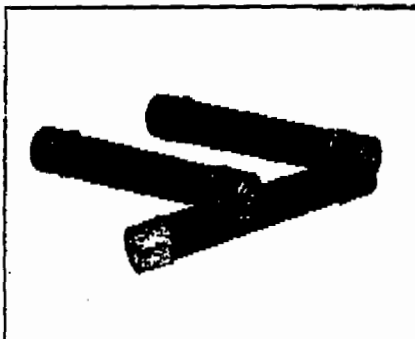


Figure 8.4

2 Pole Fuse Assembly Shown

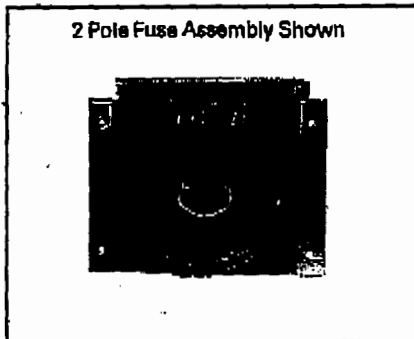


Figure 8.5
2 Pole
3 Pole

Polyester Shown

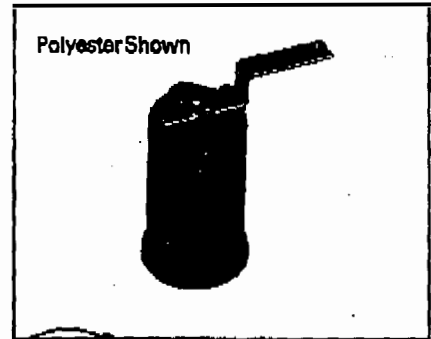


Figure 8.6
Polyester
Porcelain

3

3A38295G01
3A38295G02

Line To Ground Transformers - (1 Primary Fuse per Transformer)				
System Line To Line Volts	Type	Ratio	Figure Number	Style Number
2400	VTY-60	2400/120	8.2	7525A61G01
4200	VTY-60	4200/120	8.2	7525A61G03
4200	VTY-80	2400/120	8.2	7525A61G02
4800	VIZ-11	4800/120	8.2	7525A65G06
7200	VIZ-11	7200/120	8.2	7525A65G07
7200	VIZ-11	4200/120	8.2	7525A65G08
8400	VIZ-11	8400/120	8.2	7525A65G09
8400	VIZ-11	4800/120	8.2	7525A65G10
12500	VIZ-11	12000/120	8.2	7525A65G12
12500	VIZ-11	7200/120	8.2	7525A65G13
13200	VIZ-11	13200/120	8.2	7525A65G15
13200	VIZ-11	7620/120	8.2	7525A65G16
14400	VIZ-11	14400/120	8.2	7525A65G18
14400	VIZ-11	8400/120	8.2	7525A65G19

Line To Line Transformers - (2 Primary Fuses per Transformer)				
System Line To Line Volts	Type	Ratio	Figure Number	Style Number
2400	VTY-60	2400/120	8.3	7525A60G01
4200	VTY-60	4200/120	8.3	7525A60G02
4800	VIZ-11	4800/120	8.3	7525A64G03
7200	VIZ-11	7200/120	8.3	7525A64G04
8400	VIZ-11	8400/120	8.3	7525A64G05
12500	VIZ-11	12000/120	8.3	7525A64G06
14400	VIZ-11	14400/120	8.3	7525A64G08

Voltage Transformer Primary Fuses				
Fuse Rating	Fuse Size		Figure Number	Style Number
	Length	Diameter		
5.5kV-0.5A	8.12	1.62	8.4	677C452G01
5.5kV-1.0A	8.12	1.62	8.4	677C452G06 ③
8.3kV-0.5A	8.12	1.62	8.4	677C452G02
15.5kV-0.5A	11.50	1.62	8.4	677C462G03

① The Voltage Transformer Chassis does NOT include the voltage transformer, the primary fuses and the secondary pull fuse assembly.

② Applied on 2400V systems.

③ Includes the mounting box, secondary pull fuse with 6A fuses, and wiring harness.

EATON

May, 1996

Renewal Parts Data

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BREAKER CUBICLE COMPONENTS

Stab Molding Assembly ①

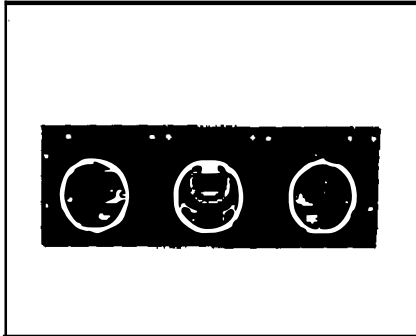


Figure 6.1

Stab Molding Assembly ①			
Description	Application	Figure Number	Style Number
1200A Porcelain	Bus Side	6.1	6437C76G01
2000A Porcelain	Bus Side	6.1	6437C76G02
3000A Porcelain	Bus Side	6.1	6437C76G03
1200A Glass Polyester	Bus Side	6.1	6437C76G04
2000A Glass Polyester	Bus Side	6.1	6437C76G05
3000A Glass Polyester	Bus Side	6.1	6437C76G06
1200A Porcelain	Line Side	6.1	6437C76G07
2000A Porcelain	Line Side	6.1	6437C76G08
3000A Porcelain	Line Side	6.1	6437C76G09
1200A Glass Polyester	Line Side	6.1	6437C76G10
2000A Glass Polyester	Line Side	6.1	6437C76G11
3000A Glass Polyester	Line Side	6.1	6437C76G12

CT Barrier Mounting Kit

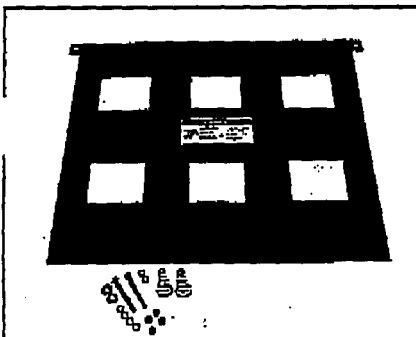


Figure 6.2

Style Number

3A38291G01

Shutter Assembly

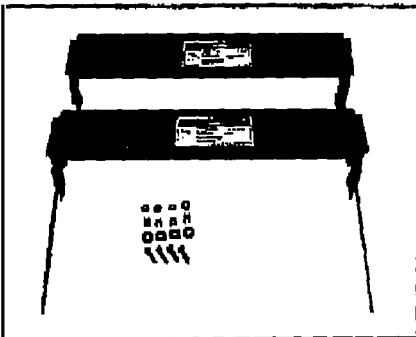


Figure 6.3

Style Number

6529C22G01

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.

② Each pole can accommodate up to (2) type SCV or (1) type SCV-D.

③ Used for mounting to Stab Molding Assembly.

Renewal Parts Data

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BREAKER PAN ASSEMBLY

Breaker Pan Assembly Parts

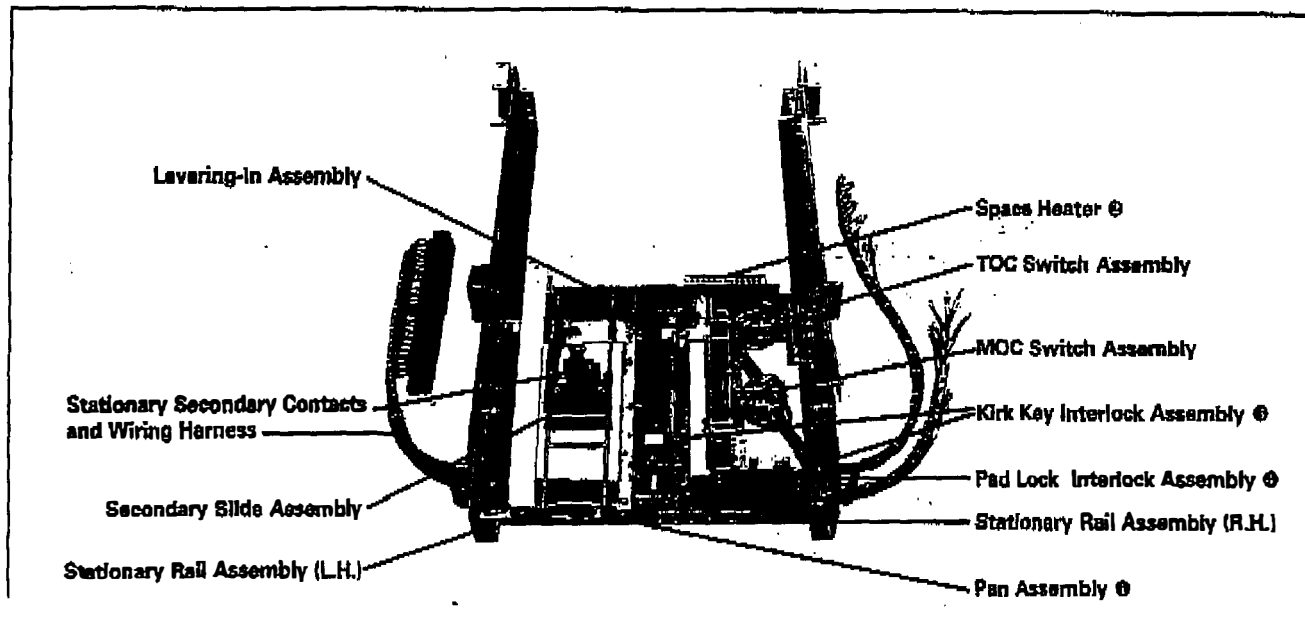


Figure 4.1

Description	Figure Number	Style Number
Pan Assembly (1200/2000A)	5.1	6529C21G03 ①
Pan Assembly (3000A)	5.1	6529C21G04 ①
Levering-In Assembly (1200/2000A)	5.2	692C862G02
Levering-In Assembly (3000A)	5.2	692C862G03
TOC Switch Assembly	5.3	6510C49G03 ⑤
TOC Switch only (10 Contacts)	5.3	698B822H01
Kirk Key Interlock Assembly (Connect and Test)	5.4	6510C48G04 ⑥ ⑦
Kirk Key Interlock Assembly (Test Only)	5.4	6510C48G03 ⑥ ⑦
MOC Switch Assembly, 5A/4B, 1Sw, Conn. and Test	5.5	6510C50G02 ⑧
MOC Switch Assembly, 5A/4B, 1Sw, Conn. Only	5.5	6510C50G03 ⑧
MOC Switch Assembly, 10A/8B, 2Sw, Conn. and Test	5.5	6510C50G04 ⑧
MOC Switch Assembly, 10A/8B, 2Sw, Conn. Only	5.5	6510C50G05 ⑧
MOC Switch Assembly, 15A/12B, 3Sw, Conn. and Test	5.5	6510C50G06 ⑧
MOC Switch Assembly, 15A/12B, 3Sw, Conn. Only	5.5	6510C50G07 ⑧
MOC Switch only	5.5	698B822H01
Stationary Rail Assembly L.H.	5.6	6510C01G02
Stationary Rail Assembly R.H.	5.6	6510C02G02
Padlock Interlock Assembly	5.7	691C540G01 ⑨
Stationary Secondary Contacts and Wiring Harness	5.8	6510C61G02
Secondary Contact Slide Assembly	5.9	691C573G01

① Includes the L.H. and R.H. Stationary Rail Assembly, the appropriate Levering-In Assembly and the Stationary Secondary Contacts.

② When a Pan Assembly space heater is required, this is where it is mounted. Refer to the space heater table on page 17 for ratings and style numbers.

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

④ Padlock not included.

⑤ Includes mounting bracket, switch and wiring harness.

⑥ Prevents access to Levering-In Assembly with breaker in the connected and test position.

⑦ Prevents access to Levering-In Assembly with breaker in the test position ONLY, and with a Dummy breaker in the connected and test position.

Renewal Parts Data

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AUXILIARY DRAWER

Drawout Fuse Basic Chassis ①

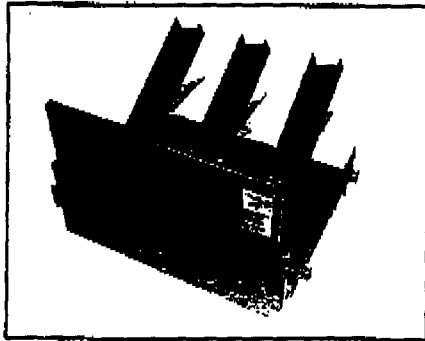


Figure 10.1
Style No.

651TC-24G04

Fuse Link Extension Kit ②

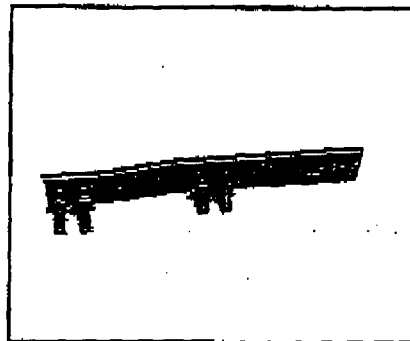


Figure 10.2
Style No.

3A38293G01 ③

Fuse Barrier ③

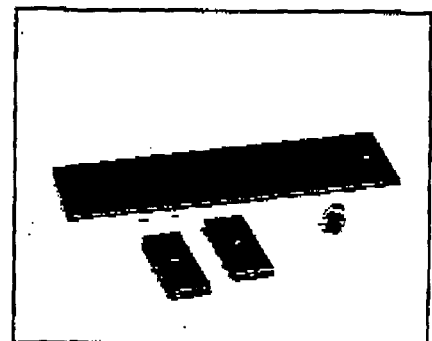


Figure 10.3

Used with 11 or 14 in. fuses
Used with 16 in. fuses

8244A04G01 ③**8244A04G02 ③**

Fuse Stab Top Contact

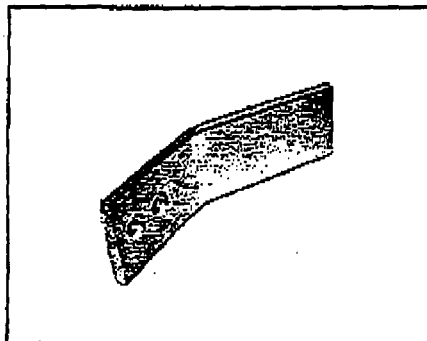


Figure 10.4
Style No.

8276A25H01

Fuse Stab Bottom Contact

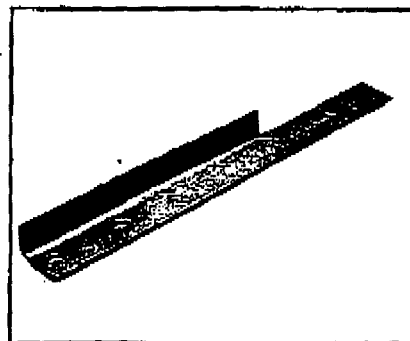


Figure 10.5
Style No.

8278A27H02

Primary Fuses				
Rating	Size Length	Diameter	Figure Number	Style Number
5.5kV- 15E	11.50	2.00	8.4	678C240G04
5.5kV- 20E	11.50	2.00	8.4	678C240G05
5.5kV- 25E	11.50	2.00	8.4	678C240G06
8.3kV- 15E	14.00	2.00	8.4	678C240G07
8.3kV- 20E	14.00	2.00	8.4	678C240G08
8.3kV- 25E	14.00	2.00	8.4	678C240G09
15.5kV- 10E	16.12	1.62	8.4	677C453G06

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 above and the Voltage Transformer fuses listed on page 8 and the Control Power Transformer fuses listed on page 9.

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

③ Required 1 per fuse.

Renewal Parts Data

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AUXILIARY CUBICLE COMPONENTS

Female Secondary Contact Assembly

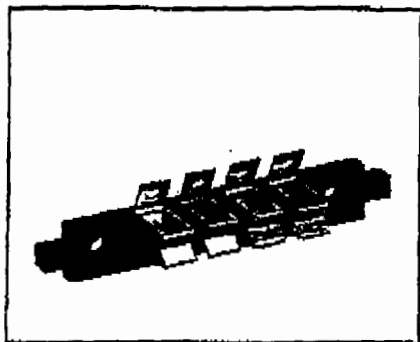


Figure 12.1
Style No.

6511C09G02

Standoff Insulator

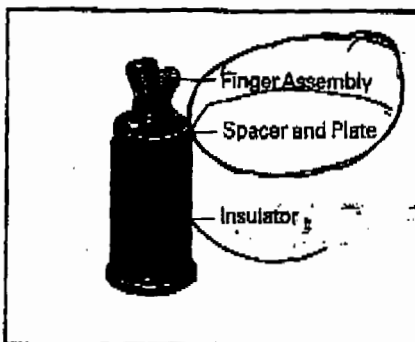


Figure 12.2

Shutter Assembly

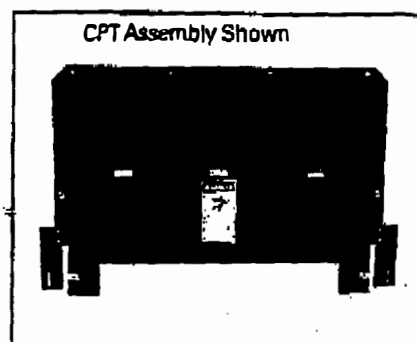


Figure 12.3

Stationary Rail Assembly

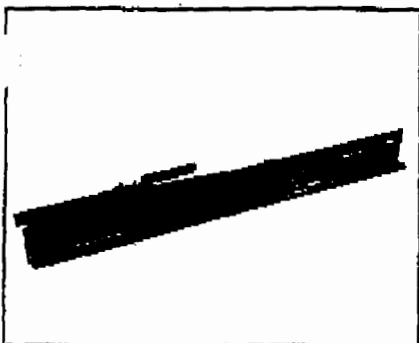


Figure 12.4
Left Hand
Right Hand

6511C25G01
6511C26G01

300 E

Standoff Insulator Parts		
Description	Figure Number	Style Number
6 inch Glass Polyester Insulator	12.2	686C615G01
6 inch Porcelain Insulator	12.2	8289A17H01
Spacer	12.2	8080A24H01
Plate	12.2	8080A59H01
Finger (Required 2 per Ass'y)	12.2	3766A05H01

Ground Strap 0

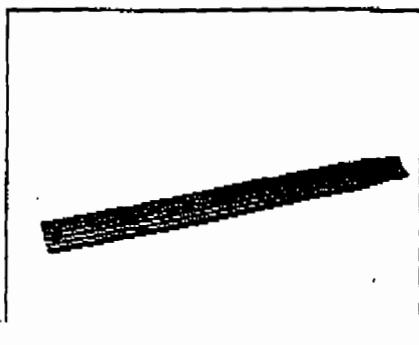


Figure 12.5

Shutter Assembly		
Use	Figure Number	Style Number
Voltage Transformers	12.3	6511C10G02
Control Power Transformers	12.3	6511C10G02
Drawout Fuses	12.3	6511C10G03

Ground Straps 0			
Use	Voltage Rating	Figure Number	Style Number
Voltage Transformer	15kV	12.5	8346A74G01 0
Voltage Transformer	5kV	12.5	8346A74G05 0
Control Power Transformer	5 & 15kV	12.5	8346A74G02 0
Drawout Fuses	5 & 15kV	12.5	8348A74G03 0

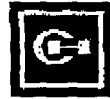
0 Required 1 per fuse.

May, 1996

Renewal Parts Data

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BUS COMPARTMENT

**Main Bus or
Butt Joint Boot**

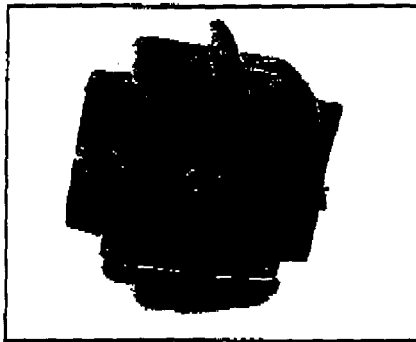


Figure 14.1

**Breaker Stud Boot
Bus Side**

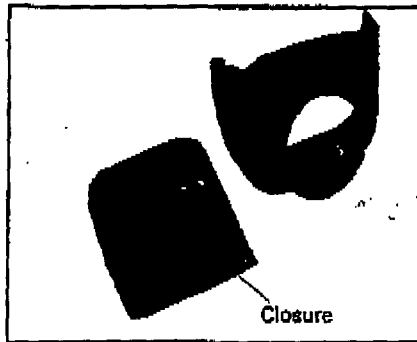


Figure 14.2

**Breaker Stud Boot
Line Side and Closure**

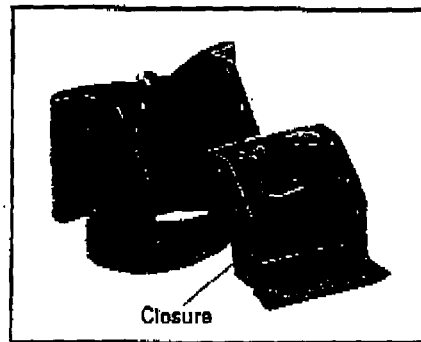


Figure 14.3

Boots		
Description	Figure Number	Style Number
Main Bus or Butt Joint Boot, 1200/2000A, 1/2/3 Way	14.1	1C14751H01
Main Bus or Butt Joint Boot, 1200/2000A, 4 Way	14.1	1C14751H02
Main Bus or Butt Joint Boot, 3000A	14.1	1C14759H01
Breaker Stud Boot Bus Side, 1200A-Stud	14.2	6359C17H01 0
Breaker Stud Boot Bus Side, 1200A-Closure	14.2	6359C30H01 0
Breaker Stud Boot Bus Side, 2000A-Stud	14.2	6359C68H01 0
Breaker Stud Boot Bus Side, 2000A-Closure	14.2	6359C97H01 0
Breaker Stud Boot Bus Side, 3000A-Stud	14.2	6359C99H01 0
Breaker Stud Boot Bus Side, 3000A-Closure	14.2	6359C98H01 0
Breaker Stud Boot Line Side, 1200A-Stud	14.3	6531C80H01 0
Breaker Stud Boot Line Side, 1200A-Closure	14.3	6531C81H01 0
Breaker Stud Boot Line Side, 2000A-Stud	14.3	6531C82H01 0
Breaker Stud Boot Line Side, 2000A-Closure	14.3	6531C83H01 0
Breaker Stud Boot Line Side, 3000A-Stud	14.3	6359C99H01 0
Breaker Stud Boot Line Side, 3000A-Closure	14.3	6359C98H01 0

0 Required 3 sets per breaker.



BUS COMPARTMENT

Copper to Bus Run Boot

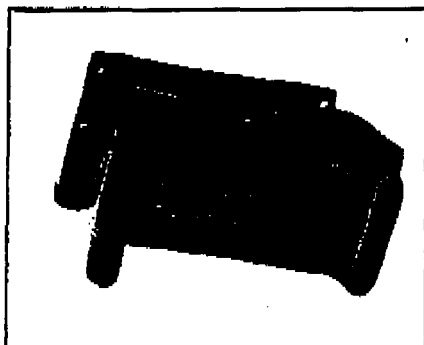


Figure 15.1

90° Turn Lap Joint Boot

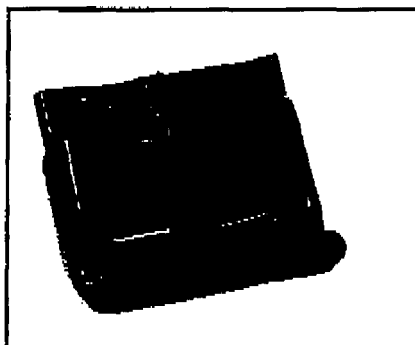


Figure 15.2

User Cable Termination Boot

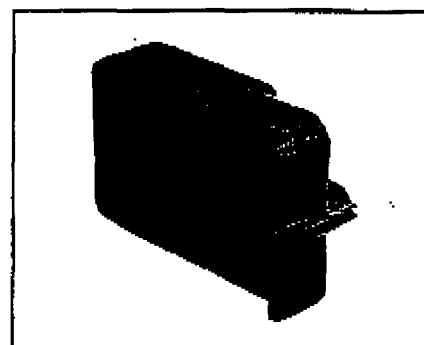


Figure 15.3

Boots		
Description	Figure Number	Style Number
Copper to Bus Run Boot, 1200A (RH)	15.1	6438C25H01
Copper to Bus Run Boot, 1200A (LH)	15.1	6438C26H01
Copper to Bus Run Boot, 1200A (CTR)	15.1	6438C27H01
Copper to Bus Run Boot, 2000A (RH)	15.1	6438C32H01
Copper to Bus Run Boot, 2000A (LH)	15.1	6438C33H01
Copper to Bus Run Boot, 2000A (CTR)	15.1	6438C34H01
90° Turn Lap Joint Boot, 1200A	15.2	6364C01H01
90° Turn Lap Joint Boot, 2000A	15.2	6364C02H01
User Cable Termination Boot, 1200A-Single Row of Terminals	15.3	SC00471H01
User Cable Termination Boot, 2000A-Single Row of Terminals	15.3	SC00471H02
User Cable Termination Boot, 1200A-Double Row of Terminals	15.3	SC00472H01
User Cable Termination Boot, 2000A-Double Row of Terminals	15.3	SC00472H02