



ASSEMBLY

MOUNTING

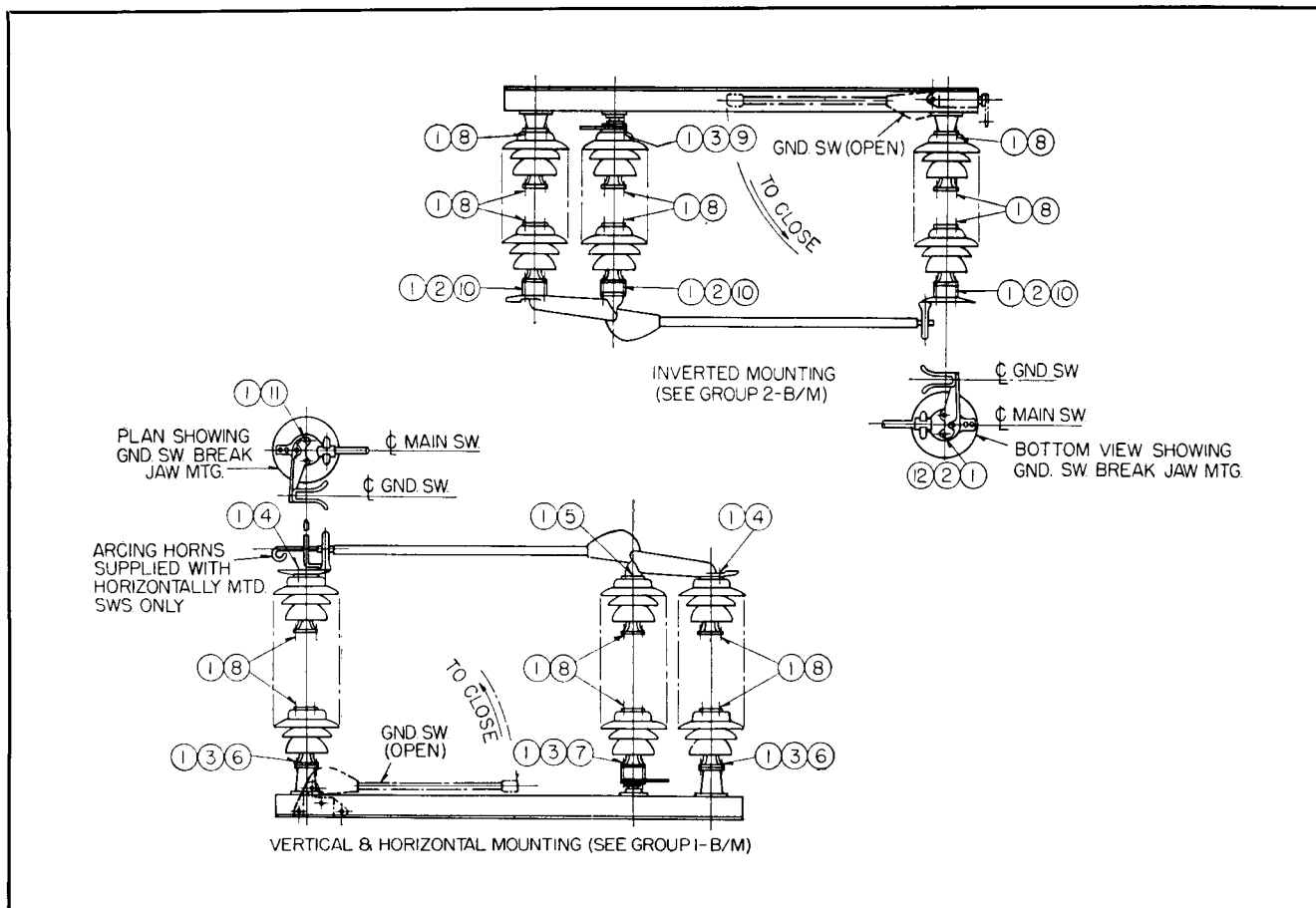
INSTRUCTIONS

TYPE V AIR SWITCH

FIELD ASSEMBLY OUTLINE

69 Kv Heavy Duty to 196 Kv

600 to 1200 Amperes



ITEM NO.	BILL OF MATERIAL	GROUP NUMBER				INSULATOR DATA			
		1	2	3	4	KV	MOUNTING	INSULATOR STYLE NO.	NO. INS. PER STACK
1	5/8 Si. Brz. Lockwasher*	*	*	*	*	69	All	968 758	2
2	5/8 11 Hex. Si. Brz. Nut	16	14	16	14	115	All	968 758	3
3	5/8 11 Galv. Hex. Stl. Nut	6	4	3	4	161	Horizontal and Inverted	968 758	4
4	5/8 11 x 1 3/4 Hex. Si. Brz. Bolt	2	..	2	..	161	Vertical	968 758	3
5	5/8 11 x 2 Galv. Hex. Stl. Bolt	8	..	8	..	196	Horizontal and Inverted	1409 412†	1
6	5/8 11 x 6 1/2 Galv. Stl. Stud.	4	..	4	..				
7	5/8 11 x 2 1/4 Si. Brz. Hex. Bolt	†	†	†	..				
8	5/8 11 x 1 1/4 Galv. Hex. Stl. Bolt†	..	4	..	4				
9	5/8 11 x 2 1/2 Galv. Stl. Stud.	..	7	..	4				
10	5/8 11 x 6 1/2 Si. Brz. Stud.	..	..	3	3				
11	5/8 11 x 2 1/4 Si. Brz. Hex. Bolt	..	..	..	..				
12	5/8 11 x 7 Si. Brz. Stud.	..	..	..	3				

* Amount required varies with number of insulators.

† Four bolts and lockwashers are shipped with each stacking insulator.

Horizontal and Vertical Mtg.

Inverted Mounting

Horiz. and Vert. with Ground Switch

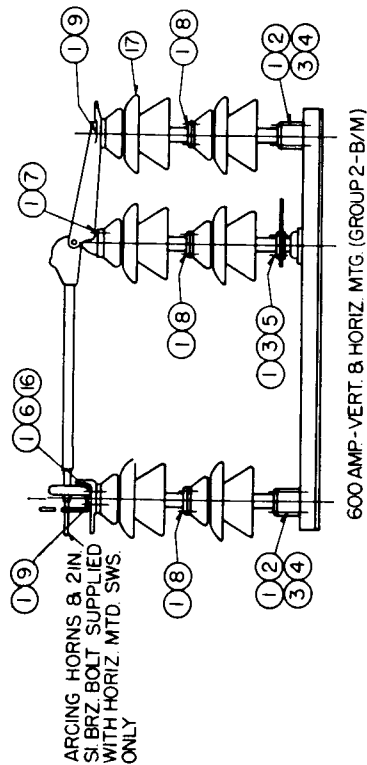
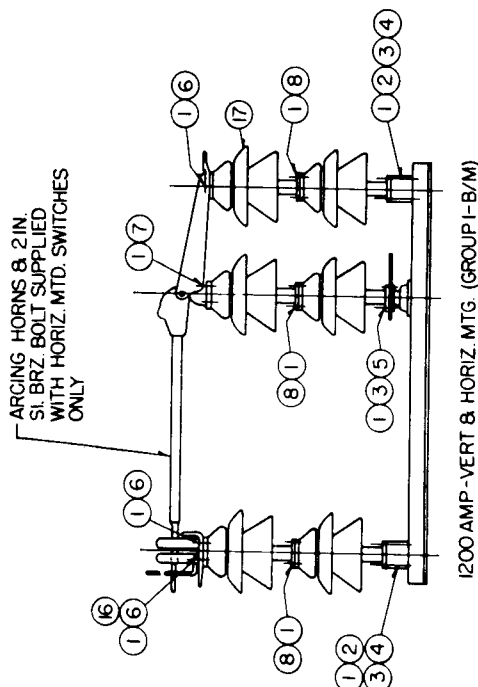
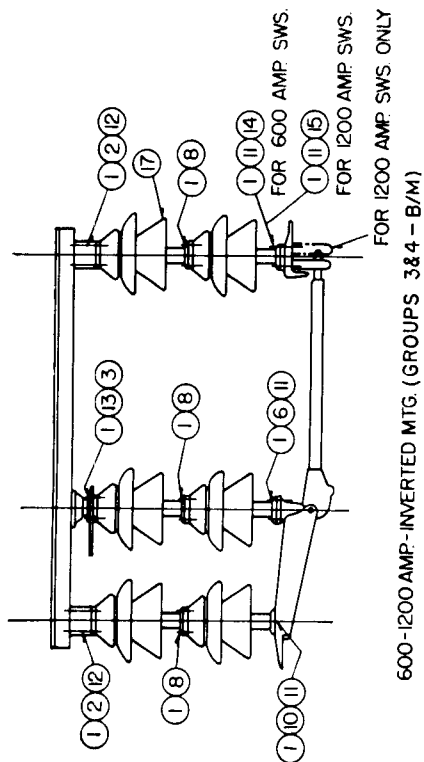
Inverted with Ground Switch

† Place insulator Style # 1409 412 at base end of stack.

TYPE V AIR SWITCH

ITEM NO.	BILL OF MATERIAL	GROUP NUMBER			
		1	2	3	4
1	1/2 St. Brz. Lockwasher	30	30	30	30
2	1/2 Galv. Std. Stl. Washer	8	8	8	8
3	1/2 13 Galv. Hex. Stl. Nut	12	12	12	12
4	1/2 13 x 5 Galv. Hex. Stl. Bolt	8	8	8	8
5	1/2 13 x 2 Galv. Hex. Stl. Bolt	4	4	4	4
6	1/2 13 x 1 1/4 Hex. Stl. Brz. Bolt	4	4	4	4
7	1/2 13 x 1 1/4 Hex. Stl. Brz. Bolt	2	2	2	2
8	1/2 13 x 1 1/4 Galv. Hex. Stl. Bolt*	2	2	2	2
9	1/2 13 x 1 1/2 Hex. Stl. Brz. Bolt	*	*	*	*
10	1/2 13 x 2 Hex. Stl. Brz. Bolt	3	3	3	3
11	1/2 13 Hex. Stl. Brz. Nut	6	6	6	6
12	1/2 13 x 4 1/2 Galv. Hex. Stl. Bolt	6	6	6	6
13	Stud (1/2 13 x 2 1/4)	4	4	4	4
14	1/2 13 x 2 3/4 Hex. Stl. Brz. Bolt	2	2	2	2
15	1/2 13 x 2 1/4 Hex. Stl. Brz. Bolt	2	2	2	2
16	1/2 13 x 2 Hex. Stl. Brz. Bolt	6	6	6	6
17	Insulator Style #1176 190	†	†	†	†

* Four bolts and lockwashers are supplied with each stacking insulator.
† Supplied with arcing horn on horizontal mounted switches.



Field Assembly Outline Type V Air Switch 69 Kv, 600-1200 Amperes



WESTINGHOUSE ELECTRIC CORPORATION
EAST PITTSBURGH PLANT • SWITCHGEAR DIVISION • EAST PITTSBURGH, PA.

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