



AMERICAN ELECTRIC EQUIPMENT, INC.

P.O. BOX 710 BECKLEY, WV 25801

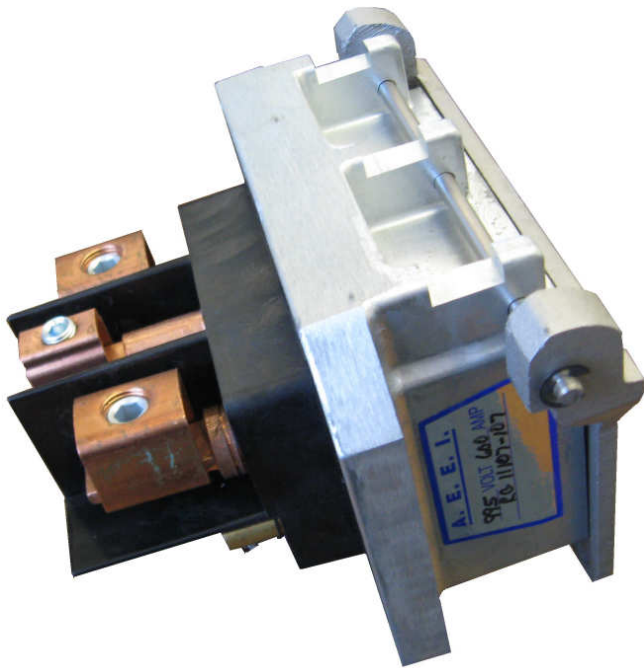
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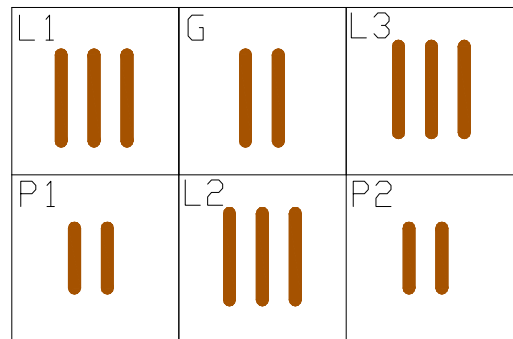
Document A-13807

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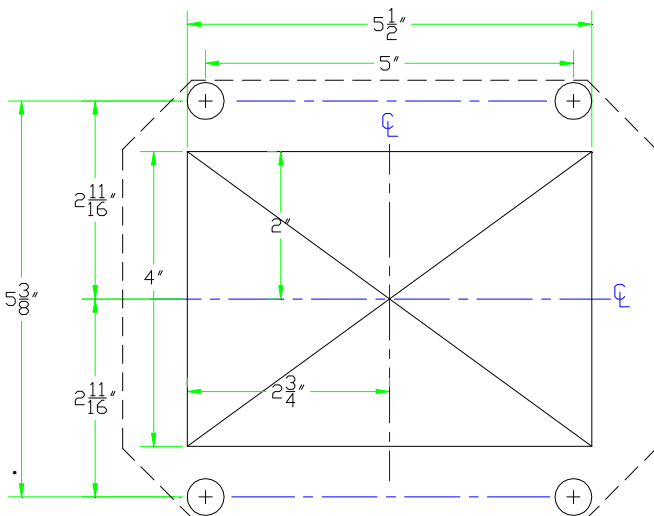


PIN ARRANGEMENT

600 AMP 995 VOLT



MOUNTING DIMENSIONS

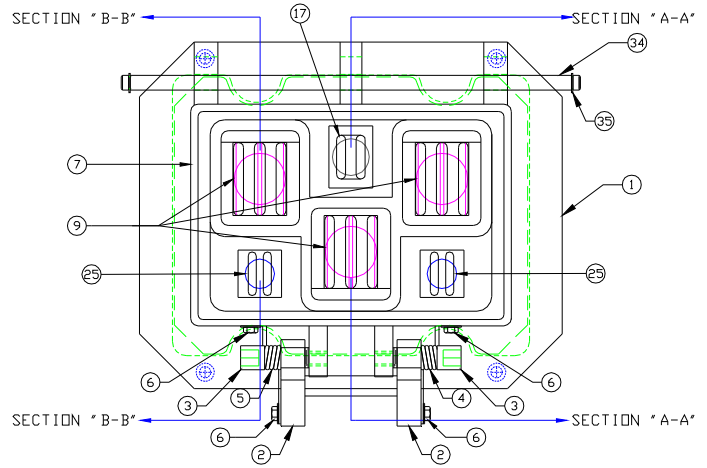


Lever Action Connectors

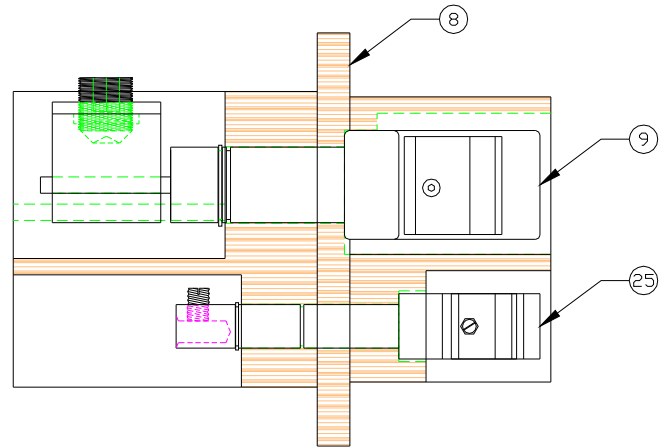
AEEI's low voltage figure 107 connectors are rugged, trouble free devices providing quick, confident connect/disconnect for portable mining equipment or self-propelled machinery. They are rated 600 Amperes at 995 VAC. Cable sizes range from #1/0 to 350 MCM.

Available Repair Parts List

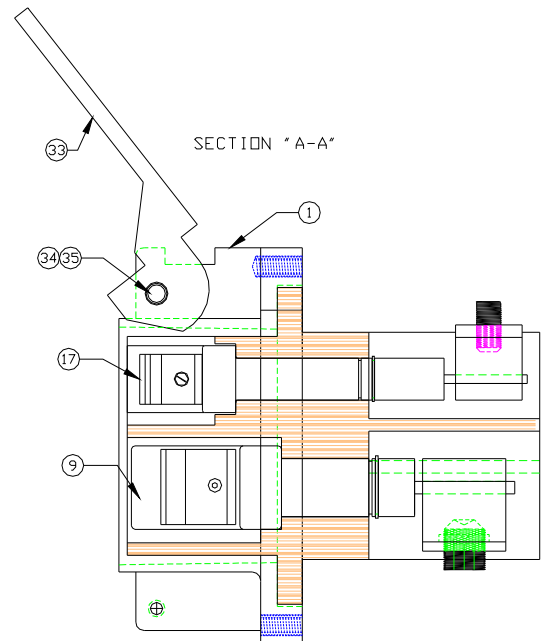
Item	Quantity	Part Number	Description
1	1	12001	BASE
2	1	065-1	BOTTOM LATCH
3	2	074	SHOULDER BOLT
4	1	067	RIGHT HAND SPRING
5	1	067-1	LEFT HAND SPRING
6	4	2069-2	10/32 SLOTTED HEX HEAD SCREW 1/4" LONG
7	1	13363-5	IDENTIFICATION STICKER
8	1	13397	INSULATOR
POWER BLADE ASSEMBLY			
9	3	13207	POWER BLADE ASSEMBLY
10	1	056-1	POWER BLADE AND STUD
11	1	2064	7/8" ROTOR CLIP
12	1	011	LARGE COUNTERSUNK NON THREADED CLIP
13	1	012	LARGE THREADED CLIP
14	1	592	COUNTERSUNK 10/32 ALLEN HEAD MACHINE SCREW 1-1/2" LONG
15	1	149	POWER TERMINAL
16	1	3305	5/8"-18 NF X 3/4" SET SCREW
GROUND BLADE ASSEMBLY			
17	1	13425	GROUND BLADE ASSEMBLY
19	1	12056	5/8" COPPER BLADE AND STUD
20	2	2076-1	SMALL NON THREADED CLIP
21	1	2069-1	10/32 X 3/4" SLOTTED HEX HEAD SCREW
32	1	10940	10/32 LOCKNUT
23	1	2064-1	5/8" ROTOR CLIP
24	1	102	GROUND BLADE - STUD TERMINAL
31	1	2694	7/16" 20 X 3/4" ALLEN HEAD SET SCREW
PILOT BLADE ASSEMBLY			
25	2	13208	PILOT BLADE ASSEMBLY
26	1	10937	PILOT BLADE AND STUD
27	2	2076-1	SMALL NON THREADED CLIP
28	1	2069-1	10/32 X 3/4" SLOTTED HEX HEAD SCREW
29	1	10940	10/32 LOCKNUT
22	1	2064-2	1/2" ROTOR CLIP
30	1	11473	SLOTTED HEAD or ALLEN HEAD SET SCREW 1/4" - 20 x 1/2"
		2077-57	
33	1	024-1	DUST COVER
34	1	10939-1	DUST COVER ROLL PIN
35	2	10938	E25 ROTOR CLIP



SECTION "B-B"



SECTION "A-A"



Available Repair Kits

Part Number	Qty.	Description
064-2-KIT		Top Latch Kit For 64 / 107 Plug
		Parts Included In Kit
	2	TOP LATCH
	8	3/16" x 1/2" HEX HEAD SLOTTED MACH. SCREW
	8	3/16" LOCK WASHER
024-1-KIT		Complete Kit For 64 / 107 Receptacle
		Parts Included In Kit
	1	DUST COVER
	1	ROLL PIN
	2	ROTOR CLIP E-25
	1	BOTTOM LATCH
	2	SHOULDER BOLT
	1	RIGHT HAND SPRING
	1	LEFT HAND SPRING
4	10/32 SLOTTED HEX HEAD SCREW 1/4" LONG	
065-1-KIT		Bottom Latch Kit For 64 / 107 Receptacle
		Parts Included In Kit
	1	BOTTOM LATCH
	2	SHOULDER BOLT
	1	RIGHT HAND SPRING
	1	LEFT HAND SPRING
	4	10/32 SLOTTED HEX HEAD SCREW 1/4" LONG
024-KIT		Dust Cover Kit For 64 / 107 Receptacle
		Parts Included In Kit
	1	DUST COVER
	1	DUST COVER ROLL PIN
	2	E25 ROTOR CLIP

Features

- ✓ Single-piece, high grade insulator
- ✓ Aluminum housing
- ✓ All live exposed parts are completely enclosed by the metal housing
- ✓ Captive dust covers standard on gear mounted receptacle
- ✓ Minimum effort required to connect or disconnect electrical connections.
- ✓ The ground blade is always the last to break, first to make
- ✓ Ground check circuits make last, break first to insure phase connections are de-energized when connector opens
- ✓ Self-wiping contacts insure good electrical connections after each operation
- ✓ Interchangeable with other industry standard figure 107 receptacles