

Dimensions in Inches, Tolerances: ±.015 for hole diameters.
Other tolerances ±.030 unless otherwise noted.

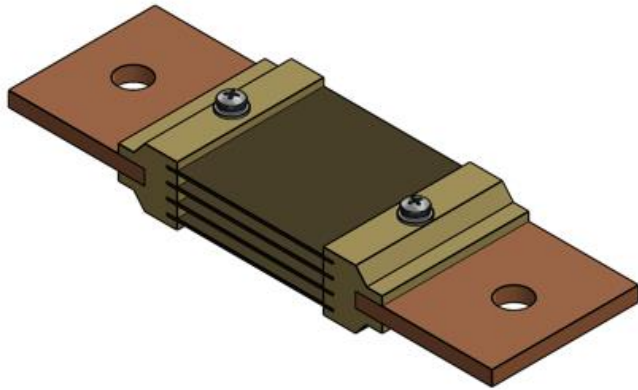
DC AMMETER SHUNT SERIES 213

FEATURES

- Measuring range: 120A to 1000A
- Output range: 50mV and 100mV
- Composed of manganin and either brass (for shunts rated below 10,000A) or copper (for shunts rated 10,000A and higher)
- Constant current distribution to shunt strips
- Terminal blocks are slotted to receive one-quarter (1/4) inch bar per slot
- STD Accuracy ±0.25% (0.1% available upon request.)

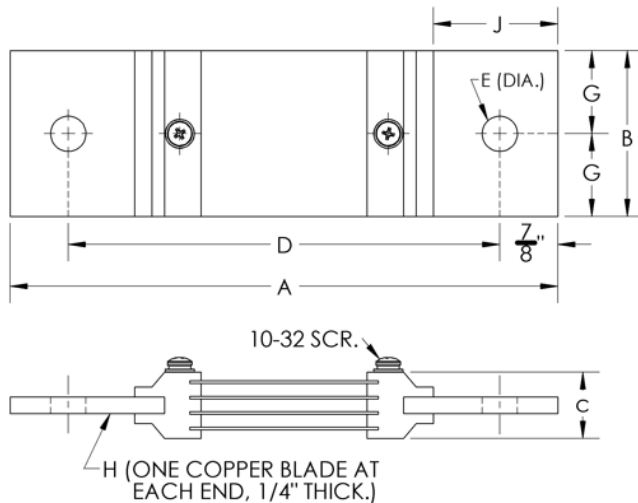
RECOMMENDATIONS

- Shunts should be mounted on the grounded side of the circuit (or mounted on the grounded side of circuits above 750 volts for panel mounted shunts with insulated bases.)
- Shunts should run for no more than two-thirds (2/3) the rated current under normal conditions as per AIEEE standards.
- The manganin shunt strip must not exceed 145°C, as this will cause permanent change in resistance.
- If longer lead lengths are necessary, the additional IR (millivolt) drop in the leads must be taken into consideration when ordering instruments.
- Shunts may be connected (without error) in parallel to measure heavy currents providing each shunt has a separate pair of millivolt leads connected to the instrument terminals.
- The resistance blades of the shunt should be mounted in a vertical position with the longitudinal axis of the shunt in a horizontal position in order to promote the free convectational flow of air.



50 mV

Catalog Number	AMP	A	B	C	D	E	G	J
213-300-50	300	7	1 1/4	1	5 1/4	17/32	5/8	1 3/4
213-400-50	400	7	1 1/4	1	5 1/4	17/32	5/8	1 3/4
213-500-50	500	7	1 1/4	1	5 1/4	17/32	5/8	1 3/4
213-600-50	600	7	1 1/2	1	5 1/4	17/32	3/4	1 3/4
213-750-50	750	7	2	1	5 1/4	21/32	1	1 3/4
213-800-50	800	7	2	1	5 1/4	21/32	1	1 3/4
213-1000-50	1000	7	2 1/2	1	5 1/4	21/32	1 1/4	1 3/4



100 mV

Catalog Number	AMP	A	B	C	D	E	G	J
213-120-100	120	8 1/4	1 1/4	1	6 1/2	17/32	5/8	1 7/8
213-130-100	130	8 1/4	1 1/4	1	6 1/2	17/32	5/8	1 7/8
213-150-100	150	8 1/4	1 1/2	1	6 1/2	17/32	3/4	1 7/8
213-200-100	200	8 1/4	1 1/2	1	6 1/2	17/32	3/4	1 7/8
213-250-100	250	8 1/4	2	1	6 1/2	17/32	1	1 7/8
213-300-100	300	8 1/4	2	1	6 1/2	17/32	1	1 7/8
213-400-100	400	8 1/4	2	1	6 1/2	17/32	1	1 7/8
213-500-100	500	8 1/4	2 1/2	1	6 1/2	17/32	1 1/4	1 7/8

AAC

213 SERIES

Rev.
A