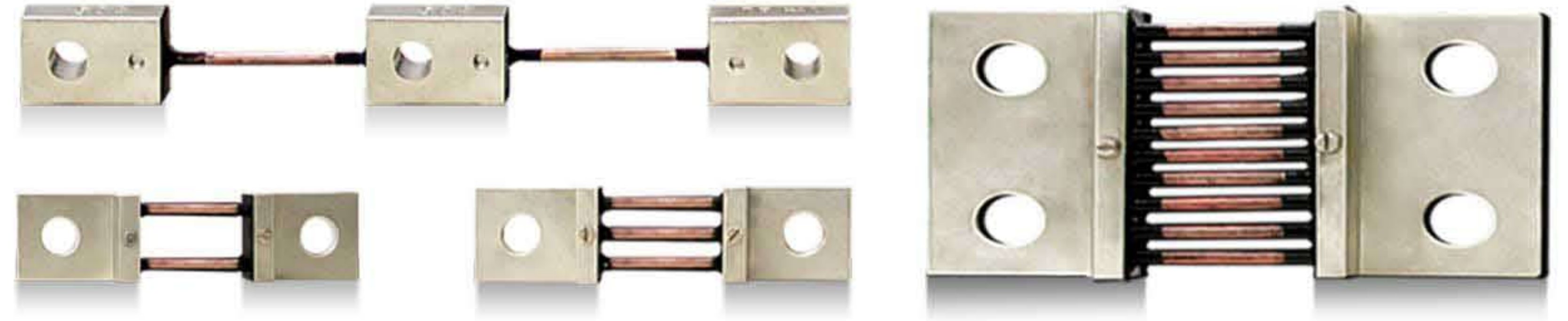


SHUNTS

Beemet Ammeter Shunts are manufactured with high quality Manganin wire, which is the best alloy for shunts application with temperature coefficient of only 10ppm. This provides a high level of stability. Our shunts confirm to IS:1248 specifications and are approved by DOT (CACT) Bangalore.



SALIENT FEATURES

- Very low temperature coefficient.
- In-line bus bar mounting.
- Withstands high overload.
- Ruggedly constructed.
- Shock & vibration proof.
- Long term stability.
- Custom made shunts available.

RANGE CHART

Type	Range
I SECTION	1A - 30A, 40A, 50A, 60A, 75A, 80A, 100A, 120A, 150A, 200A, 250A, 300A
L SECTION	400A, 500A, 600A, 750A, 800A, 1000A, 1200A, 1500A, 2000A, 2500A, 3000A
T SECTION	4000A, 5000A, 6000A, 7500A, 8000A, 10000A, 12000A, 15000A

GENERAL SPECIFICATIONS

Milli Volt Drop	Standard: 50mV, 60mV, 75mV Other mV outputs available on request
Accuracy	AC Voltage and DC Voltage or Current
Pointer deflection	± 5% / ±0.5%
Overload capacity	According to IS: 1248 / IEC 51
Short duration	10 times for 5s: 1 overload
Continuously	20% rated current
Temperature Coefficient	0.002% per °C
Ambient Temperature	Calibration at 23°C
Operating Temperature	-10 to 55°C
Storage Temperature	-20 to 70°C
Maximum load	Not to exceed 0.1% of the nominal current rating for specified accuracy

INSTALATION

- Shunts may be mounted horizontally or vertically. Horizontal mounting gives the best heat dissipation.
- Utilize the full end block surface area.
- Ample ventilation should be provided.
- Busbar should be adequately rated, cleaned and coated with a thin layer of silicon grease applied to the contact surface area.
- Bolts & nuts must be carefully tightened.