



- ✍ Rating 1a - 15,000a.
- ✍ In - Line Bus Bar Mounting.
- ✍ Ruggedly Constructed.
- ✍ Long Term Stability.
- ✍ Very Low Temperature Co-efficient.
- ✍ High Overload Withstand.
- ✍ Shock And Vibration Proof.
- ✍ Custom Made Shunts Available.

BEE External Shunts are manufactured by using high quality Manganin wire which is the best alloy for Shunts application with temperature co-efficient of only 10 ppm. This gives high stability. Shunts confirm to IS : 1248 specifications and are approved by DOT (CACT) BANGALORE.

AMTEST-TM INSTRUMENTS

EXTERNAL SHUNTS

SPECIFICATIONS :

MILLIVOLT DROP	50 mV, 60 mV, 75 mV (Standard) Other mV outputs on request.
TYPE	Ranges
“ I ” Section	1 A - 30 A, 40, 50, 60, 75, 80, 100, 120, 150, 200, 250, 300 A
“ L ” Section	400, 500, 600, 750, 800, 1000, 1200, 1500, 2000, 2500, 3000 A
“ T ” Section	4000, 5000, 6000, 7500, 8000, 10000, 12000, 15000 A
Note : Refer Pricelist for Dimensional Details of Shunts	
ACCURACY	± 1%
CONTINUOUS OVERLOAD	20 % rated current
5 SECOND WITHSTAND	10 times for 1 A - 500 A 5 times for 600 A - 1000 A 2 times for 2500 A - 15000 A
TEMPERATURE COEFFICIENT	0.002 % per °C
AMBIENT TEMPERATURE	Calibration at 23 °C
OPERATING TEMPERATURE	-10 °C to 55 °C
STORAGE TEMPERATURE	-20 °C to 70 °C
MAXIMUM LOAD	The load should not exceed 0.1 % of the nominal current rating for Specified accuracy.

INSTALLATION :

The best performance is guaranteed if the following points are observed:

- ✗ 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

BEE Light Weight Shunts :

Light Weight Shunts are suitable for application where there is space and weight limitations such as in Portable Instruments, Compact Electronic Equipments, Power Electronics and in Mobile Installations such as Aircrafts, Tanks, etc.