

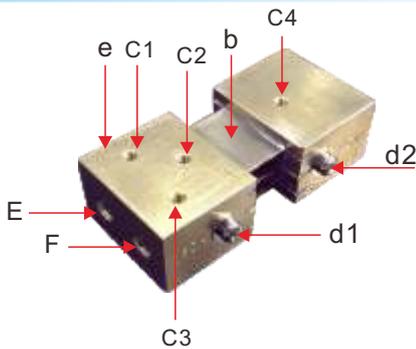
## ● Features

- I High reliability
- II High over loading ability
- III Extremely low inductance

## ● Applications

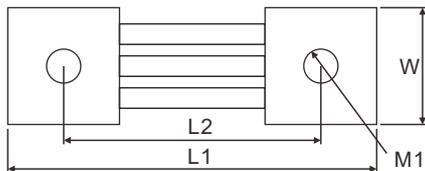
- I Used for extending the current range of measure
- II Current balance or sampling for testing
- III Automation control to limit the current

## ● Construction



b	Precision manganin
C1,C2,C3,C4	Input terminal
d1,d2	Output terminal
e	Copper base
EF	Fixed end

## ● Dimensions, Applications And Ratings



TYPE	Voltage type	Current	Dimensions(mm)					
			L1±1.0	L2±1.0	W±1.0	H±0.5	M1±0.3	M±0.3
STB	25mV	250A	116	86	41	12	4	10
		300A	115	83	35	18.5	4	13
		400A	115	83	44	18.5	4	13
		500A	115	83	55	18.5	4	13
		600A	122	88.5	55	21	4	13

## ● Ordering Information

Example:

STB	100A	25	D	C	B
(1)	(2)	(3)	(4)	(5)	(6)
Series Name	Rated Current	Rated Drop	Resistance Tolerance	T.C.R	Packing

- (1)Type: STB SERIES
- (2)Rated Current: 250A,300A,400A,500A,600A
- (3)Rated Drop: 25=25mV
- (4)Resistance Tolerance: D=±0.5%,F=±1%
- (5)T.C.R:C3=±25ppm,C4=±20ppm,C5=±15ppm
- (6)Packing:B=bulk standard

## ● Performance

Test Items	Test Methods(JIS C 5201-1)
Accuracy class	0.5
Ambient temperature&Relative humidity	-40~+60°C Relative Humidity≤95%(at35°C )
Overload	Rating current120%,2h
Voltage outputs	25mv
Surface temperature rise	not over than 80°C within 50A, not exceed 120°C if higher than 50A
Temperature coefficient	$\pm 25 \times 10^{-6} \text{ } ^\circ\text{C}$ ; $\pm 50 \times 10^{-6} \text{ } ^\circ\text{C}$ ; $\pm 100 \times 10^{-6} \text{ } ^\circ\text{C}$ ;