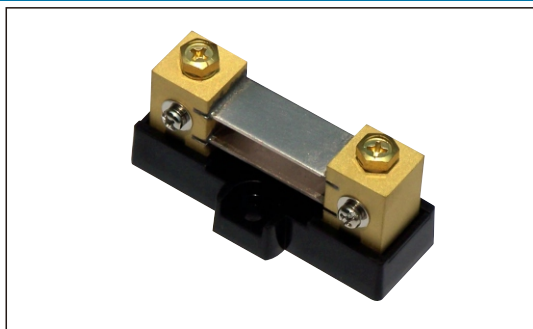
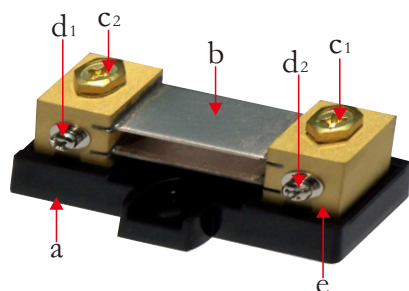


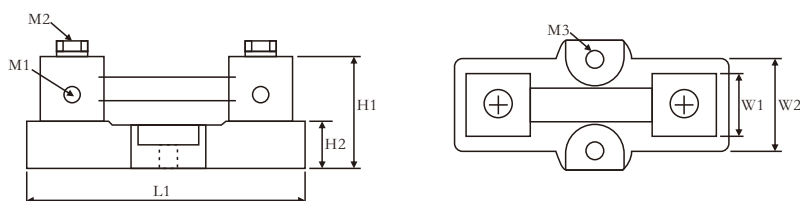


Construction



a	Insulating base
b	Precision manganin
c1,c2	Input terminal
d1,d2	Output terminal
e	Copper base

Dimensions, Applications And Ratings



Type	Voltage type	Current	Dimensions(mm)								Weight (g)
			L1 ± 1.0	W1 ± 1.0	W2 ± 1.0	H1 ± 0.5	H2 ± 0.5	M3 ± 0.3	M1 ± 0.3	M2 ± 0.3	
STB	50mv	1A~100A	66	22	32	28	11	4.5	3	5	100
		150A	66	22	32	30	11	4.5	3	5	100
		200A	66	22	32	33	11	4.5	3	5	110

Ordering Information

Example:

STB	100A	50mv	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: 125=125A,100=100A,75=75A,50=50A,25=25A

(3)Rated Drop: 50=50mV,60=60mV,70=70mV,100=100mV,150=150mV

(4)Resistance Tolerance: D= ± 0.5%

(5)T.C.R:C3= ± 25ppm,C4= ± 20ppm,C5= ± 15ppm

(6)Packing:B=bulk standard

Reference Standards

JISC 5201-1

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

● Performance

Test Items	Test Methods(JIS C 5201-1)
Tolerance Accuracy class	0.5
Ambient temperature&Relative humidity	-40~+60℃ Relative Humidity≤95%(at35℃)
Overload	Rating current120%,2h
Voltage outputs	50mv ,60mv ,75mv ,100mv ,150mv products are available
Surface temperature rise	not over than 80℃ within 50A, not exceed 120℃ if higher than 50A
Temperature coefficient	$\pm 25 \times 10^{-6} \text{ }^{\circ}\text{C}$; $\pm 50 \times 10^{-6} \text{ }^{\circ}\text{C}$; $\pm 100 \times 10^{-6} \text{ }^{\circ}\text{C}$;