

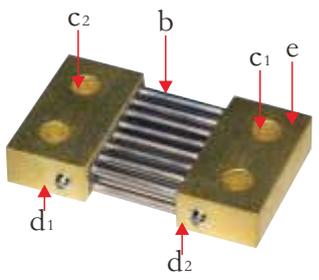
## ● Features

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

## ● Applications

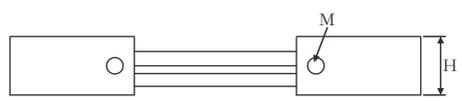
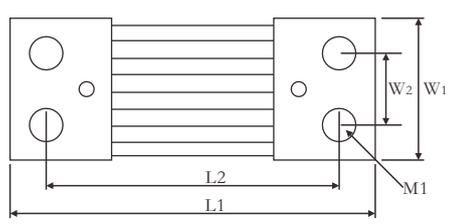
- I Used for extending the current range of measure
- II Current balance or sampling for testing
- III Automation control to limit the current

## ● Construction



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

## ● Dimensions, Applications And Ratings



Type	Voltage type	Current	Dimensions(mm)							Weight (g)
			L1±1.0	L2±1.0	W1±1.0	W2±1.0	H±0.5	M1±0.3	M±0.3	
STF	50mv	750A~800A	123	90	70	35	21	13	4	1.0
		1000A	163	122	70	35	21	13	4	1.5
		1200A	165	124	85	45	21	13	4	1.8
		1500A	163	122	100	49	21	13	4	2.2
	60mv	750A~800A	132	98	70	35	21	13	4	1.1
		1000A	172	131	70	35	21	13	4	1.6
		1200A	174	133	85	45	21	13	4	1.9
		1500A	172	131	100	49	21	13	4	2.3
	75mv	750A~800A	144	111	70	35	21	13	4	1.1
		1000A	185	145	70	35	21	13	4	1.7
		1200A	187	148	85	45	21	13	4	1.9
		1500A	185	145	100	49	21	13	4	2.4

## ● Ordering Information

Example:

STF	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: STF 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

**● Performance**

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