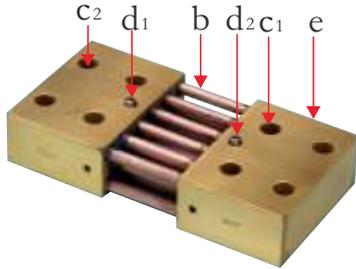


Construction



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

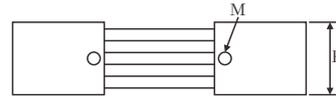
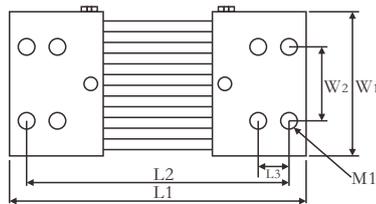
Features

- 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

Dimensions, Applications And Ratings



Type	Voltage type	Current	Dimensions(mm)							Weight (g)	
			L1±1.0	L2±1.0	L3±1.0	W1±1.0	W2±1.0	H±0.5	M1±0.3		M±0.3
STF	50mv	2000A	190	162	37	100	50	39	13	4	4.7
		2500A	190	162	37	110	55	39	13	4	5.1
	60mv	2000A	199	170	37	100	50	39	13	4	4.7
		2500A	199	170	37	110	55	39	13	4	5.2
	75mv	2000A	212	184	37	100	50	39	13	4	4.8
		2500A	212	184	37	110	55	39	13	4	5.3

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

Reference Standards

JISC 5201-1

● 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	$\pm 25 \times 10^{-6} \text{ } ^\circ\text{C}$; $\pm 50 \times 10^{-6} \text{ } ^\circ\text{C}$; $\pm 100 \times 10^{-6} \text{ } ^\circ\text{C}$;