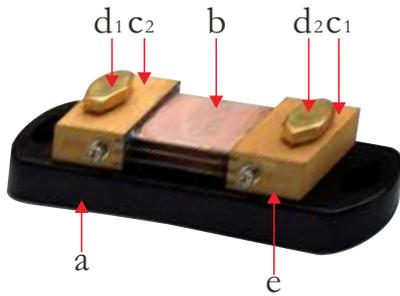


Construction



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

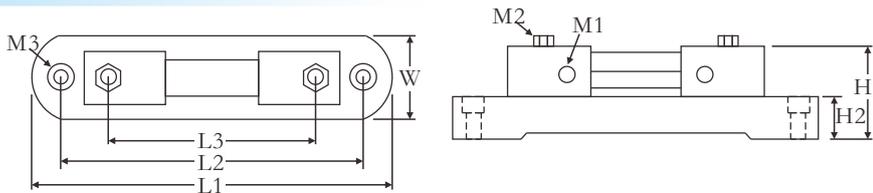
Features

- 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	Dimensions(mm)									Weight (g)
		L1 ± 1.0	L2 ± 1.0	L3 ± 1.0	W ± 1.0	H1 ± 0.5	H2 ± 0.5	M3 ± 0.3	M1 ± 0.3	M2 ± 0.3	
STF	50mv 150A~200A	135	110	68	30	25	16	6	3	8	245
	60mv 150A~200A	150	125	80	30	31	16	6	3	8	260
	75mv 150A~200A	150	125	84	30	31	16	6	3	8	265
	100mv 150A~200A	170	150	105	30	31	16	6	3	8	270

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