A range of direct current shunts which provides an accurate millivolt signal, exactly proportional to the system current. they can be used to drive ammeter indicators, overload protection and control devices, these shunts enable the measurement of D.C. current in ranges from 10A to 10000A with various output options available.

Features

Ⅰ High reliability

Ⅱ High over loading ability

Ⅲ Extremely low inductance

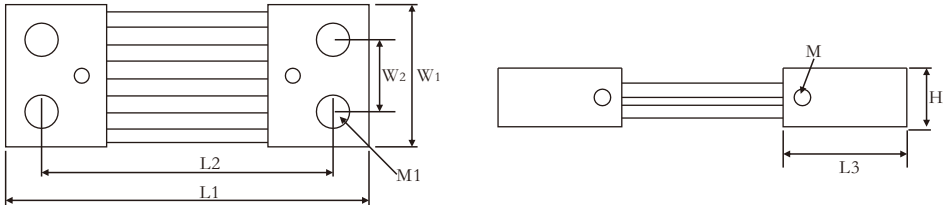
Applications

Ⅰ Used for extending the current range of measure

Ⅱ Current balance or sampling for testing

Ⅲ Automation control to limit the current

Dimensions



TYPE	Voltage type	Current	Dimensions(mm)							
			L1±1.0	L2±1.0	L3±1.0	W1±1.0	W2±1.0	H±0.5	M1±0.3	M±0.3
SHT	50mv	800A	90.0	64.0	38.0	51.0	25.0	19.0	10.0	4.0

Performance

Test Items	Test Methods(JIS C 5201-1)
Tolerance Accuracy class	0.25
Ambient temperature&Relative humidity	-40~+60℃ Relative Humidity≤95%(at35℃)
Overload	Rating current120%,2h
Voltage outputs	50mv
Surface temperature rise	Not beyond 80℃ lower than 50A, not exceed 120℃ if higher than 50A.
Temperature coefficient	$\pm 25x10^{-6}$℃;$\pm 50x10^{-6}$℃;$\pm 100x10^{-6}$℃;

Reference Standards

JIS C 5201-1

Ordering Information

Example

SHT	800A	50mv	D	C	B
Type	Rated Current	Rated drop(V)	Tolerance	T.C.R	Packing
	800A	50mV	D:±0.25%	C3:±25ppm	B:Boxes