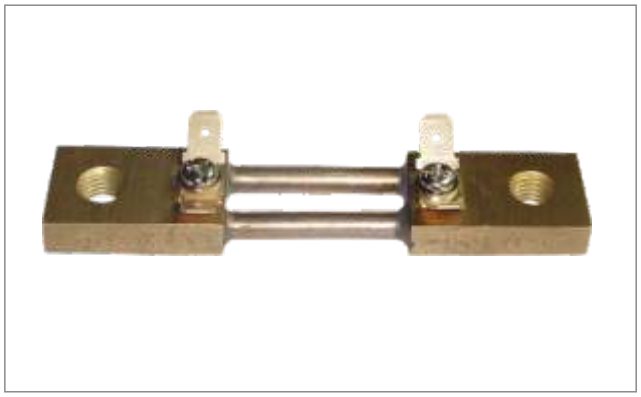
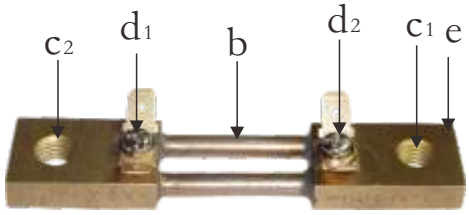
STK 1A～200A分流器 Shunts



分流器为电子设备或系统提供准确的毫伏信号和电流信号，在过负荷保护、控制装置、仪器仪表、电源供应等领域，有广泛应用。

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.

结构图 Construction



b	精密锰铜	Precision manganin
c_1、c_2	输入电流端	Input terminal
d_1、d_1	输出电压端	Output terminal
e	铜座	Copper base

特性 Features

Ⅰ 高可靠性 High reliability

Ⅱ 高过载能力 High over loading ability

Ⅲ 极低的电感 Extremely low inductance

应用范围 Applications

Ⅰ 用于扩大仪表的测量电流范围
Used for extending the current range of measure

Ⅱ 可用于均流或取样检测
Current balance or sampling for testing

Ⅲ 自动化控制的电源馈作限流
Automation control to limit the current

参考规格 Reference Standards

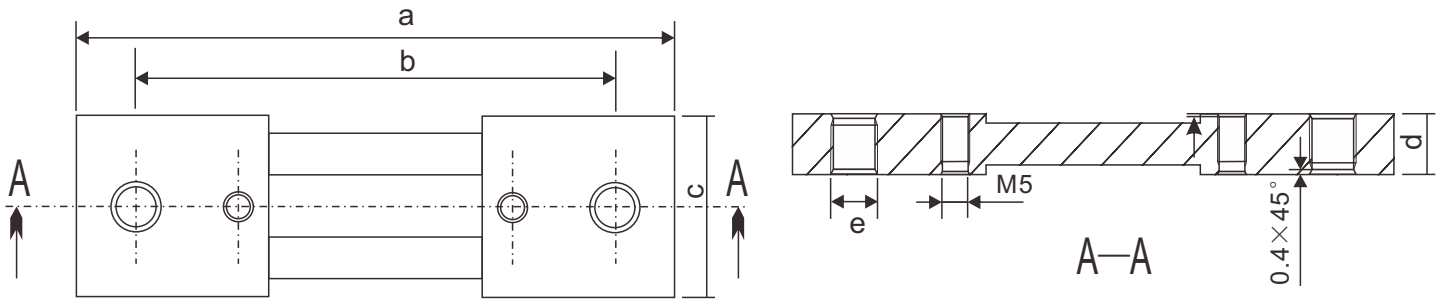
JIS C 5201-1

料号编号 Ordering Information

例 example

STK	100A	50mv	D	C	B
型号 Type	额定电流 Rated Current	额定压降 (V) Rated drop	误差值 Tolerance	温度系数 T.C.R	盒装方式 Packing
	125A 100A 75A 50A 25A	50mV 60mV 70mV 100mV 150mV	D:±0.5% F:±1%	C3:±25ppm C4:±20ppm C5:±15ppm	B:盒装Boxes

外形尺寸 Dimensions



规格 TYPE	电压类型 Voltage type	电流 Current	尺寸 Dimensions(mm)				
			a±1	b±1	c±1	d±1	e±1
STK	60mV	1A—25A	90	80	20	8	M5
		30A—200A	100	80	20	8	M8
	100mV	1A—25A	100	80	20	8	M5
		30A—200A	120	100	20	8	M8
	150mV	1A—25A	100	80	20	8	M5
		30A—200A	220	205	25	8	M8
	300mV	1A—25A	100	80	20	8	M5
		30A—200A	300	350	25	8	M8

性能 Performance

试验项目 Test Items	试验方法 Test Methods(JIS C 5201-1)
准确度等级 Accuracy class	0.5级
环境条件 Ambient temperature&Relative humidity	-40~+60℃相对湿度≤95%(在35℃时) -40~+60℃ Relative Humidity≤95%(at35℃)
过载性能 Overload	额定电流的120%，2小时 Rating current120%,2h
输出电压 Voltage outputs	50mv,60mv,75mv,可提供100mv和150mv产品 50mv ,60mv ,75mv ,100mv ,150mv products are available
表面温升 Surface temperature rise	50A以下不超过80℃；50A以上不超过120℃ Not beyond 80℃ lower than 50A, not exceed 120℃ if higher than 50A.
电阻温度系数 Temperature coefficient	$\pm 25x10^{-6}$℃;$\pm 50x10^{-6}$℃;$\pm 100x10^{-6}$℃;