

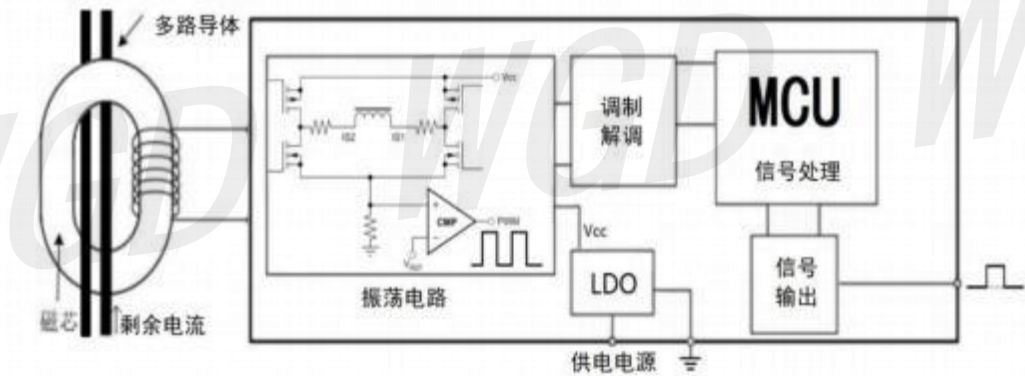
简介

- 充电桩专用
- 测量DC6mA&AC30mA
- 开关量输出
- 磁通门原理
- 抗干扰强
- 高分辨率

标准适配

- GB/T 41589—2022/IEC62752:2018.MOD
- GB/T 40820—2021/IEC62955:2018
- GB/T 18487.1-2023

工作原理



基本参数

参数	最小值	典型值	最大值	单位
工作电压	4.85	5	5.15	V
功耗	30	-	110	mW
电压输入/输出, 低电平	0	-	0.6	VDC
电压输入/输出, 高电平	4.2	-	5	VDC
耐压	2.5 KV, 50Hz, 1 min			-
爬电距离	-	6	-	mm
最大过流电流	-	20	-	A(rms)
重量	-	15	-	g
上电时间	-	100	-	ms
工作温度	-45	25	85	℃
储存温度	-45	25	85	℃
工作湿度	0	-	95	%

剩余电流相关特性参数-动作时间

波形	频率	电流大小	典型值	单位
AC	50Hz	30mA	76.0	ms
AC	50Hz	60mA	49.0	ms
AC	50Hz	150mA	26.0	ms
AC	50Hz	5A~100A	42.0	ms
A0	50Hz	42mA	76.0	ms
A0	50Hz	84mA	45.0	ms
A0	50Hz	210mA	22.0	ms
A0	50Hz	42mA+6mADC	76.0	ms
A0	50Hz	84mA+6mADC	45.0	ms
A0	50Hz	210mA6mADC	22.0	ms
2PDC3PDC	50Hz	60mA	300.0	ms
2PDC3PDC	50Hz	120mA	90.0	ms
2PDC3PDC	50Hz	300mA	40.0	ms
2PDC3PDC	50Hz	5A~100A	40.0	ms
S-DC	-	6mA	150.0	ms
S-DC	-	60mA	81.0	ms
S-DC	-	200mA	24.0	ms

剩余电流相关特性参数-动作电流

波形	频率	最小值	典型值	最大值	单位
AC	50Hz	20.0	21.5	26.0	mA
A0	50Hz	11.0	20.0	30.0	mA
A90	50Hz	10.0	23.0	30.0	mA
A135	50Hz	10.0	30.0	35.0	mA
2PDC	50Hz	3.5	4.1	7.0	mA
3PDC	50Hz	3.1	3.8	6.2	mA
S-DC	50Hz	3.0	4.5	6.0	mA

功能说明



5.6 CT+,CT- ●互感器次边输出 (输入: 输出=1:1000)
7.8.9.10 ●电源端

时间

自检信号

输出信号

响应时间 <400ms

恢复时间 <800ms

>60ms

>500ms

恢复时间

Technical drawing of the S6B component. The drawing shows a component with a vertical row of six red circular features on the left and two pairs of red circular features on the right. Dimensions are indicated with arrows and text:

- Overall height: 10.0mm
- Distance from top to the first red feature: 4.3mm
- Distance between the two pairs of red features: 7.3mm
- Distance from the bottom to the first pair of red features: 5.0mm
- Distance from the right edge to the center of the rightmost pair of red features: 9.4mm
- Distance from the top edge to the center of the topmost pair of red features: 2.2+2.6mm
- Distance from the top edge to the center of the topmost pair of red features (alternative dimension): 0.8+1.6mm

The label "S6B" is prominently displayed in the upper left corner of the drawing area.