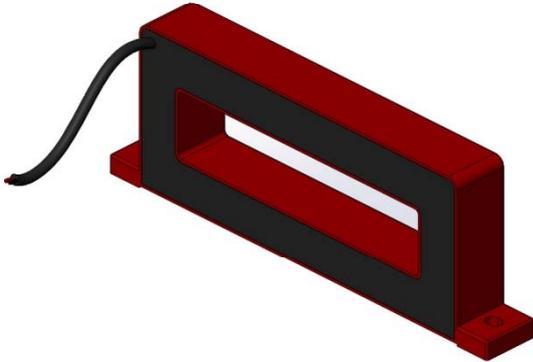


Y32C系列剩余电流互感器	Y32C series residual current transformer
版本 Version	B.01



应用 Applications

- ◆ 剩余电流式电气火灾监控系统
- ◆ Residual current alarm and control system for electric fire prevention

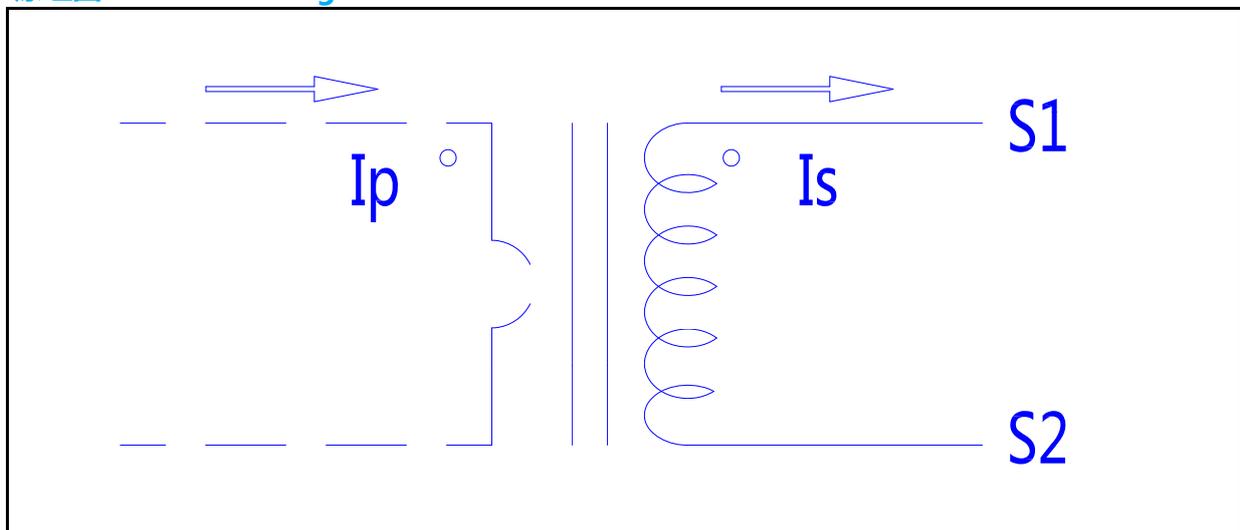
产品特点 Features

- ◆ 电气绝缘性能优良
- ◆ High electric isolation capability
- ◆ 矩形结构,原边主电流范围大
- ◆ Wide current range of the primary bus bar due to the rectangle structure
- ◆ 副边连接为2*Φ0.3mm双芯电缆
- ◆ The secondary connection: 2*Φ0.3mm cables

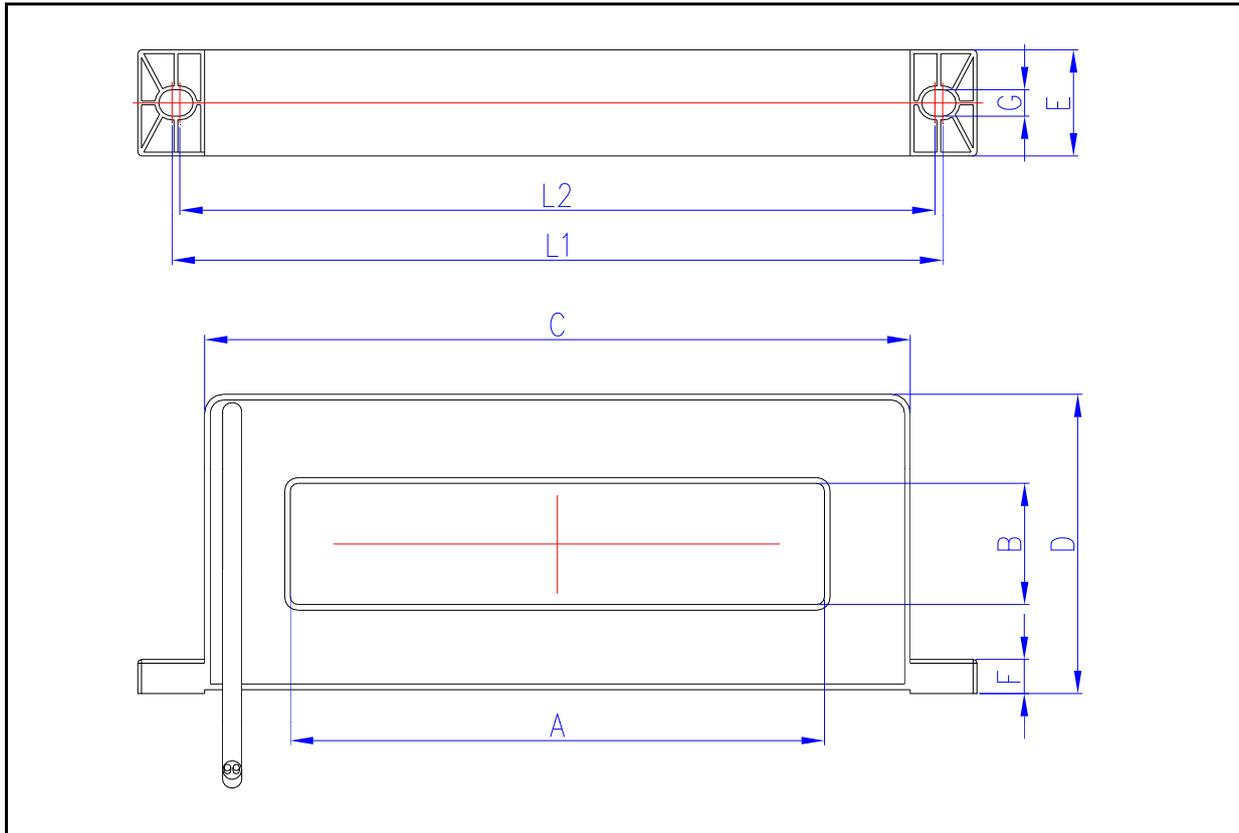
性能参数 Characteristic data

f	工作频率	Frequency bandwidth	50..400	Hz
I_{PN}	额定输入剩余电流	Rated primary residual current, AC	1	A
I_{SN}/V_{SN}	额定输出	输出电流 Rated secondary current @ I_{SN} , AC	0.25	mA
		输出电压 Rated secondary voltage @ V_{SN} , AC	1V	V
V_d	工频耐压	Rms voltage for AC insulation test, 50 Hz, 1 min	>2500	V
R_i	绝缘电阻	Insulation resistance @DC 500V	>100	MΩ
T_a	工作温度	Ambient operating temperature	-25..+75	°C
T_s	存储温度	Ambient storage temperature	-40..+80	°C
RH	环境相对湿度	Relative humidity	≤95	%RH
	外壳材料	Plastic materials of housing case	PBT or ABS	
	外壳材料阻燃性	Flammability of plastic materials	UL 94-V0	
R_M	额定负载电阻	Rated secondary measure resistance, @ V_{SN}	4000	Ω
X	精度等级	Accuracy class	0.2	%
	副边输出电缆	Connection of the secondary	2*Φ0.3mm, 1.5m length	

原理图 Schematic diagram



外形图Mechanical outline (mm)



型号 Model	A	B	C	D	E	L1	L2	F	G
Y32C-14032	140	32	185	79	28	202	198	9	5.5
Y32C-18032	180	32	231	84	28	248	244	9	5.5
Y32C-14436	144	36	190	82	28	205	205	11	11
Y32C-24455	244	55	304	114	30	319	319	11	11
Y32C-30455	304	55	364	114	30	379	379	11	11

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