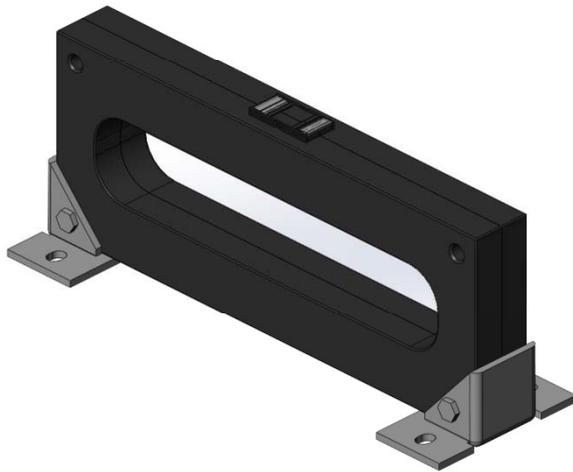


<b>Y33B系列剩余电流互感器</b>	<b>Y33B series residual current transformer</b>
版本 Version	B.01



### 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

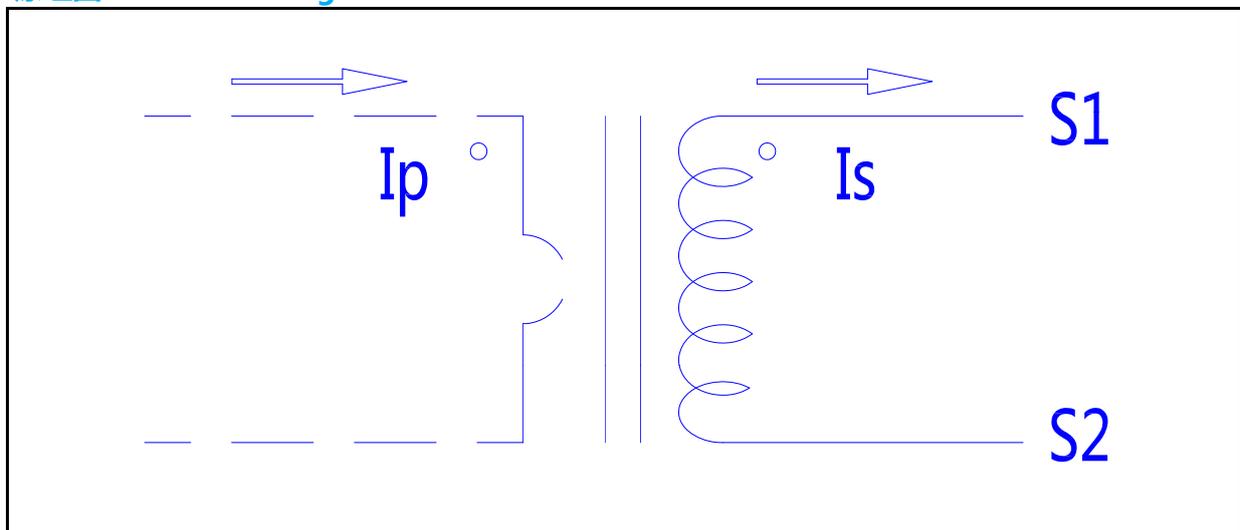
### 产品特点 Features

- ◆ 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
- ◆ 钢质支架, 安装方便
- ◆ Easy to mount due to steel base

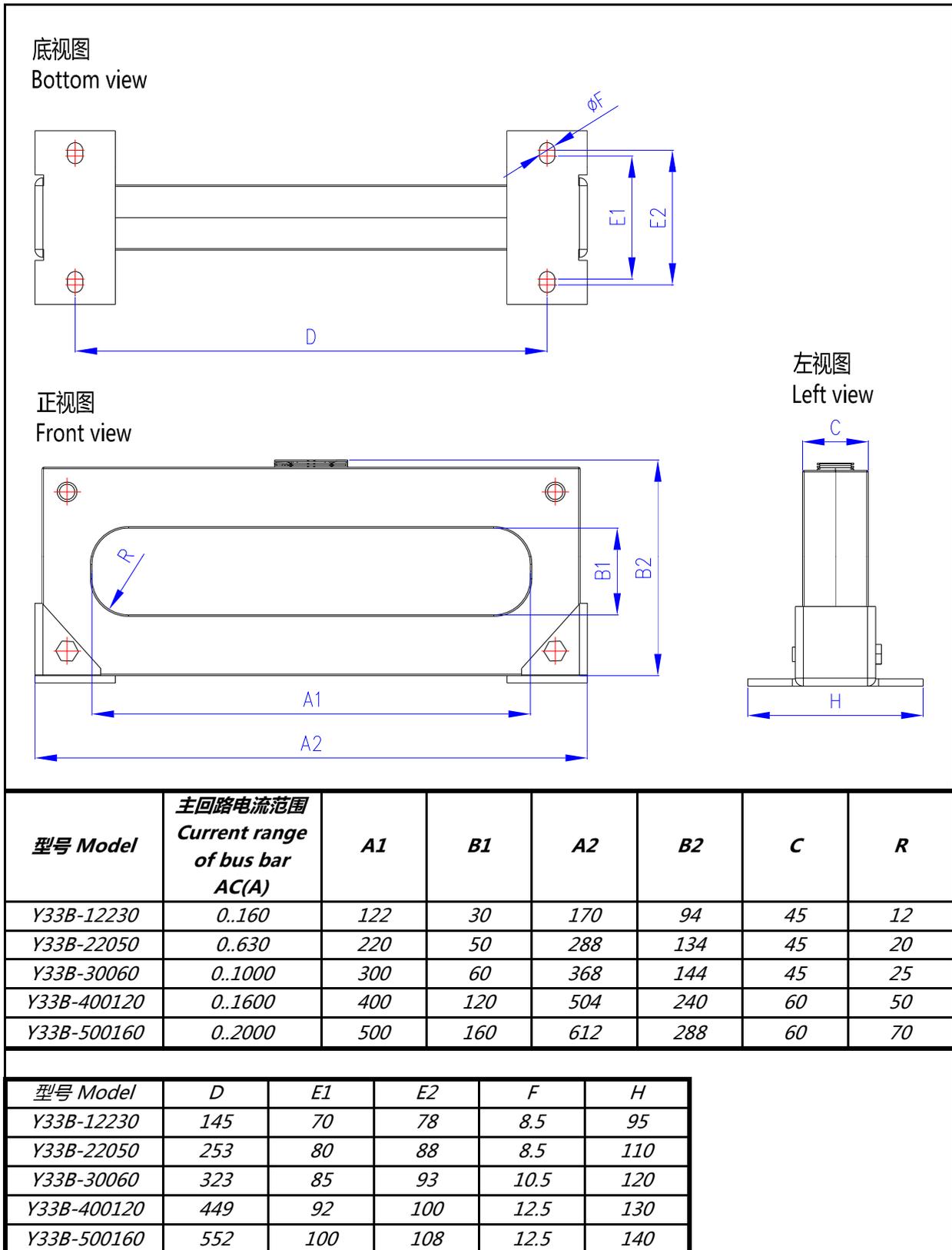
### 性能参数 Characteristic data

$f$	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
$I_{SN}$	额定输出电流	Rated secondary current @ $I_{PN}$ , AC	0.5	mA
$V_d$	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	PC / ABS	
	外壳材料阻燃性	Flammability of plastic materials	UL 94-V0	
	外壳颜色	Color of housing case	黑色 Black	
$R_M$	取样电阻	Resistance of secondary measure resistor	200..500 Recommended 500	Ω
$X$	精度等级	Accuracy class	0.5	%

### 原理图 Schematic diagram



## 外形图 Mechanical outline ( mm )



公司名称 BYHY	北京博远寰宇电子科技有限公司 Beijing BYHY Electronic Technology Co.,Ltd.	销售手机 Sales MP.	138 1107 8542
		传真 Fax.	010-8048 3860
		公司邮箱 Email	bjbyhy_10@163.com
公司地址 Addr.	北京市顺义区天竺空港经济开发区留学创业园 Tianzhu airport economic development zone, shunyi district, beijing, P.R.C.		