

EHC-SCT 系列开合式电流互感器**EHC-SCT Series Split-core CT****特点/用途 Key Features/Application:**

- 用于电气线路和设备的电流测量、监控和保护，以及电能管理、建筑物的自动控制系统等；
- 工作频率: 50Hz/60Hz；
- 初次级工频耐压 3KV/Min，绝缘电阻 $\geq 100\text{M}\Omega/500\text{Vdc}$ ；
- 工作温度范围: $-25^{\circ}\text{C}\sim 50^{\circ}\text{C}$ ；
- Electric current measurement, monitoring and protection for electrical circuits and equipment, as well as electric energy management, automatic control system for buildings, etc..
- Encapsulated with epoxy resin poor working condition
- Working Frequency: 50Hz/60Hz;
- Power-frequency Withstand Voltages: 3000V 50Hz/1min, Insulation Resistance: $\geq 100\text{M}\Omega/500\text{Vdc}$;
- Operating Temperature: $-25^{\circ}\text{C}\sim 50^{\circ}\text{C}$;

以下所示是此系列产品中较有代表性的几种，我们可以根据用户的特殊需求来设计和生产产品。

Only few typical products of this series are shown in the following pages. EHC is capable of making other customized design and manufacturing per user request.

规格及参数 Specifications and Parameters:**输出电流型 Output current mode**

型号 Model	一次电流 Primary Current	匝比 Turn ratio	二次电流 Secondary Current	精度等级 Class	额定负载 Rated load
EHC-SCT016	50A	1:3000	16.67mA	0.5%	10 Ω
	100A	1:3000	33.33mA	0.5%	10 Ω
	150A	1:3000	50mA	0.5%	10 Ω
EHC-SCT024	200A	1:2000	100mA	0.5%	10 Ω
	250A	1:2500	100mA	0.5%	10 Ω



输出电压型 Output voltage mode

型号 Model	一次电流 Primary Current	匝比 Turn ratio	二次电压 Secondary Voltage	精度等级 Class
EHC-SCT016	50A	1:3000	0.167V	0.5%
	100A	1:3000	0.333V	0.5%
	150A	1:3000	0.5V	0.5%
EHC-SCT024	200A	1:2000	1V	0.5%
	250A	1:2500	1V	0.5%

尺寸对照表 Dimension table

型号 Model	ϕ A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
EHC-SCT016	16	49.5	46.6	30	21
EHC-SCT024	24	57.5	54.6	30	21

