

## KF 系列开口式互感器

### KF series split core current transformer



#### ▶ 产品描述 Description

KF series split-core current transformers. The CT can be mounted to existing panels, such as control centers or load centers, to measure or monitor voltage. These CTs can be mounted without removing existing cables for easily installation.

#### ▶ 产品应用 Applications

- Current measurement, monitoring and protection for electrical circuit or equipment;
- Current and power measurement for electric motors, lighting, air compressor, heating and ventilation system, air-conditioner equipment and auto control system;
- Current, power and energy monitoring device;
- Energy or relay protection device.

► **技术指标** Technical index

Rated input current 额定输入电流	0-1000A
Customized design turns 是否可以定制	Available
Accuracy class 精度等级	0.5, 1 class;
Frequency 频率	50/60 Hz
Power factor 功率因素	Cos $\phi$ =1.0;
Dielectric strength 耐压	4.0KV/1mA , No breakdown for 60S
Insulation 绝缘强度	DC 500V/1000M $\Omega$ Min
CT core 磁芯材质	Silicon steel
6ft black/white PVC wires 二次引线	18-24AWG
House 外壳	UL 94 V0
Operating temperature 温度范围	-45-+50 °C
Air humidity 空气湿度	$\leq$ 85% ( at 20°C ) ;

► 产品规格和参数 Specs and parameters

Item 型号	Primary Current 初级电流	Output Current 输出电流	Rated load 额定负载	Accuracy Class 精度等级	Dimensions(mm) 尺寸 (mm)				
					Φ	A	B	C	D
KF-10	5A--75A	0-100mA/ 0.333V	20Ω,50Ω	0.5,1	Φ10	26	40	25.5	16
	5A	2.5mA							
	20A	10mA							
	60A	20mA							
	75A	25mA	10Ω, 400Ω						
KF-16	10-150A	0-100mA/ /0.333V	20Ω,50Ω	0.5,1	Φ16	32	45	30	19.5
	50A	20mA							
	100A	33.3mA							
	100A	40mA							
	120A	40mA							
	150A	50mA							
KF-24	10-300A	0-200mA/ 0.333V	20Ω,50Ω	0.5,1	Φ24	34	65	45	22
	100A	40mA							
	150A	50mA							
	200A	40mA							
	250A	50mA							
	300A	100mA							
KF-36	10-600A	0-300mA/ 0.333V	20Ω,50Ω	0.5,1	Φ36	42	86	58	24.5
	100A	40mA							
	200A	40mA							
	300A	100mA							
	400A	40mA							
	500A	50mA							
	600A	60mA							
KF-50	10-1000A	0-500mA/ 0.333V	20Ω,50Ω	0.5,1	Φ50	58	108	80	28
	30-600A	5A/1A	1-5VA	0.5,1					

▶ 外形尺寸 (参考以上对应产品规格)

**Outline dimensions ( See above specs )**

