

JY Series

JY series current transformer is compact, smaller than other models with the current ratio of the transformer is small, clamshell-style terminal cover is well protected by the second terminal. With related accessories you can use Din rail mounting, a current from 5A to 5000A

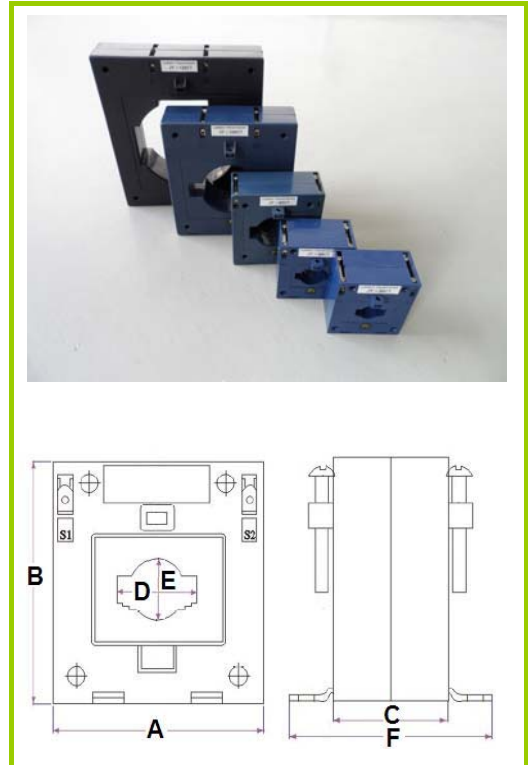
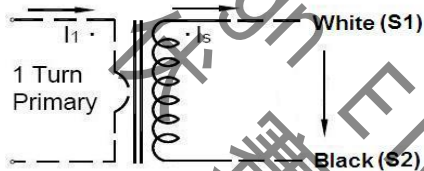
◆ **Features**

- Safe, easy to install, portable
- Wide inner window, allowing clamping of big cables or bus-bars
- Wide range of sizes to accommodate all the existing installations

◆ **Applications**

- Current measurement, monitoring and protection for electrical wiring and equipment.
- Current and power measurement for electric motors, lighting, air compressor, heating and ventilation system, air-condition equipment and automation – control system.
- Current, power and energy monitoring device.
- Relay protection device.

◆ **Circuit connection diagram**



◆ **Technique Index**

Electrical Parameter	
Frequency	50-60Hz
Rated Input	5A-5000A
Measuring range	5%I _n -130%I _n
Rated Output	0-5A
Ratio	≤ ± 0.5%
Phase angle	≤ ±30min
Dielectric strength	2.5KV/1mA/1min
Insulation Resistance	DC500V/100MΩ min

Mechanical Parameter	
Case	ABS /UL94-V0
Bobbin	PBT
Core	Silicon steel
Internal structure	-----
Construction	Screw
Operating Temp	-25℃~+75℃
Operating Humidity	≤85%
Output Connection	Terminal

◆ **Type Selection (Output: 1A/5A)**

Mfg P/N	Rated Input (A)	Output (A)	Accuracy	Dimensions(mm)					
				A	B	C	D	E	F
JY-30	30-400A	1A/5A	0.5、1.0	79.0	87.0	42.0	30.0	22.0	66.0
JY-40	100-800A	1A/5A	0.5、1.0	79.0	87.0	42.0	41.0	30.0	66.0
JY-60	250-1500A	1A/5A	0.5、1.0	103.0	113.0	42.0	60.0	47.0	66.0
JY-100	500-3000A	1A/5A	0.5、1.0	151.0	166.0	45.0	101.0	71.0	70.0
JY-125	800-5000A	1A/5A	0.5、1.0	192.0	212.0	45.0	126.0	126.0	70.0