

JiangYin Spark Electronic Technology Co., Ltd



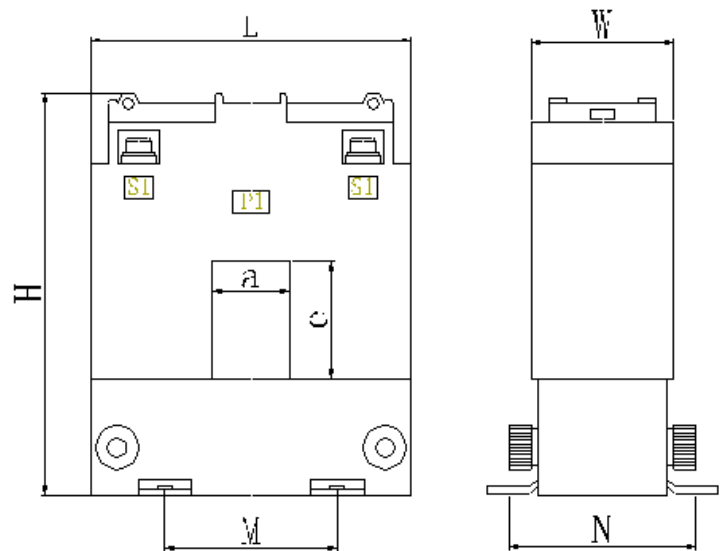
The JIANGYIN SPARK TP series current transformer has been specially designed to facilitate their installation in new or already existing net works. They may be installed without opening any cable or bus-bar circuit. The connection of conventional CTs usually requires the interruption of the primary side circuit to pass cables or bus-bars through the transformer core or to connect such cables to the primary terminals. The DBP series transformers core may be easily opened and they may be installed without interrupting the primary circuit. Thus saving time and the installation costs.

Features:

- Very easy to mounting.
- Wide inner window, allowing clamping of big cables or bus-bars.
- Wide range of sizes to accommodate all the existing installations.

Specifications

- Rated Current 5A to 5000A
- Rated output: 5A or 1A
- Rated test voltage: 3kV AC. (1 min)
- Rated short-time thermal current(I_{th}): 60I_n
- Rated dynamic current, (I_{dyn}): 2.5I_{th}
- Rated voltage,(U_m): 0.72Kv AC.
- Continuous overload,(I_d): 1.2I_n
- Operating temperature: -10 degree ~50 degree
- Housing self-extinguishing class: VO
- Safety factor: FS 5



Model	Out dimension (mm)		Window Size (mm)		Installation Size(mm)		
	L	W	H	a	e	M	N
XH-30x20	90	40	110	20	30	49	52
XH-80x50	115	37	156	50	80	81	50
XH-80x80	145	37	159	80	80	111	45
XH-120x80	145	37	200	80	120	111	45
XH-160x80	185	53	248	80	160	118	45

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Model	ID	Ratio	Accuracy	Burden(VA)	Net Weight
XH-30x20	30x20 mm	100/5	1.0	≤ 1.0	568g
		150/5	1.0	≤ 1.0	
		200/5	0.5	≤ 1.5	
		250/5	0.5	≤ 1.5	
		300/5	0.5	≤ 2.5	
		400/5	0.5	≤ 2.5	
XH-80x50	80x50 mm	250/5	1.0	≤ 1.5	888g
		300/5	1.0	≤ 1.5	
		400/5	0.5	≤ 1.5	
		500/5	0.5	≤ 2.5	
		600/5	0.5	≤ 2.5	
		750/5	0.5	≤ 2.5	
		800/5	0.5	≤ 2.5	
		1000/5	0.5	≤ 5	
XH-80x80	80x80 mm	250/5	1.0	≤ 1.5	1110g
		300/5	1.0	≤ 1.5	
		400/5	0.5	≤ 1.5	
		500/5	0.5	≤ 2.5	
		600/5	0.5	≤ 2.5	
		750/5	0.5	≤ 2.5	
		800/5	0.5	≤ 2.5	
		1000/5	0.5	≤ 5	
XH-120x80	120x80 mm	500/5	0.5	≤ 2.5	1302g
		600/5	0.5	≤ 2.5	
		750/5	0.5	≤ 2.5	
		800/5	0.5	≤ 2.5	
		1000/5	0.5	≤ 5	
		1200/5	0.5	≤ 7.5	
		1250/5	0.5	≤ 7.5	
		1500/5	0.5	≤ 7.5	
XH-160x80	160x80 mm	1000/5	0.5	≤ 10	3175g
		1500/5	0.5	≤ 15	
		2000/5	0.5	≤ 15	
		2500/5	0.5	≤ 15	
		3000/5	0.5	≤ 15	
		4000/5	0.5	≤ 15	
		5000/5	0.5	≤ 15	