

Specifications

Prim. nominal current (I _{pn}) in A	JS17S-Ipn/1A						JS24S-Ipn/1A						JS36S-Ipn/1A					
	60	75	100	125	150	200	100	125	150	200	250	300	300	400	500	600		
Class 0.5: Burden in VA	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	0.5	0.5		
Class 1.0: Burden in VA	-	-	-	-	-	-	-	-	-	0.5	1	1.5	1.5	-	-	-		
Class 3.0: Burden in VA	0.2	0.5	0.5	1	1	1	1	1	1	-	-	-	-	-	-	-		

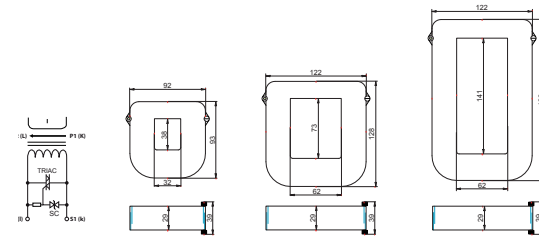
Prim. nominal current (I _{pn}) in A	JS17S-Ipn/5A			JS24S-Ipn/5A						JS36S-Ipn/5A					
	-	150	-	100	150	200	250	300	400	200	250	300	400	500	600
Class 0.5: Burden in VA	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	0.5
Class 1.0: Burden in VA	-	-	-	-	-	0.5	0.5	0.5	0.5	-	0.5	0.5	2.5	2.5	5.0
Class 3.0: Burden in VA	-	1.5	-	1.5	1.5	-	-	-	2.5	-	-	-	-	-	-

Prim. nominal current (I _{pn}) in A	JSC01-Ipn/1A and 5A				JSC02-Ipn/1A and 5A				JSC03-Ipn/1A and 5A											
	100	150	200	250	300	400	400	500	600	750	800	1000	800	1000	1200	1250	1500	1600	2000	2400
Class 0.5: Burden in VA	-	-	-	-	-	0.5	-	1.0	1.0	1.0	2.5	1.0	1.0	1.0	5.0	5.0	10.0	10.0	10.0	10.0
Class 1.0: Burden in VA	-	-	-	-	-	-	-	-	0.5	1	1.5	1.5	-	-	-	-	-	-	-	-
Class 3.0: Burden in VA	0.2	0.5	0.5	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-

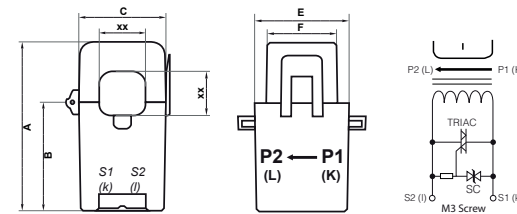
Item	JSxxS-Ipn/1A*			JSxxS-Ipn/5A*		
Accuracy	Class 0.5 / 1.0 / 3.0; depending on models; look at the table					
Output terminals	2 x M3 screw with terminal cover					
System voltage	AC 720V					
Overload withstand	1.2 times rated current continuously					
Compliant width	IEC/EN60044-1, IEC61010-1 ø16 / ø24 / ø36 / ø17 / ø36					
Operating temperature range	-20°C to +55°C					
Relative humidity	≤ 85%, non-condensing					
Test voltage	3kV for 1 minute					
Frequency range	50/60Hz					
Protection level	bipolar 6.5Vs					
Installation category	CAT II or CAT III 600VAC					
Item	JSC-XX-Ipn/1A*			JSCxx-Ipn/5A*		
	JSC-01	JSC-02	JSC-03	JSC-01	JSC-02	JSC-03
Primary nominal current (I _{pn})	100 to 400A	400 to 1000A	800 to 2400A	100 to 400A	400 to 1000A	800 to 2400A
Secondary nominal current	1A			5A		
Accuracy	Class 0.5 / 1.0 / 3.0; depending on models; look at the table					
AC conductor voltage	≤ 720 V _{ms}					
AC withstand voltage	3000V _{ms}					
Installation category	Cat II or Cat III (600VAC)					
Overload withstand	1.2 times rated current continuously					
Operating temperature range	-20°C to +60°C					
Compliant width	EN 60044-1, IEC61010-1, RoHS					
Protection level	bipolar 6.5Vs					
Lead cable	18A WG twisted stranded wires (600V); 2m long					
Bus-bar pass through window	32 x 38mm	62 x 73mm	62 x 141mm	32 x 38mm	62 x 73mm	62 x 141mm
Weight	300g	700g	1150g	300g	700g	1150g

* Suitable for KW2M, KW9M

Dimensions



Dimension in mm



Model	A	B	C	xx	E	F
JS17S	64.1	41.1	33.1	17	35.8	26.2
JS24S	74.5	47.0	45.0	24	33.7	21.1
JS36S	91.4	57.0	57.1	36	40.2	21.1



Specifications

Item	Clamp-on type*					Through type*		
	AKW4801B	AKW4802B	AKW4803B	AKW4804B	AKW4808B	AKW4506B	AKW4507B	AKW4508B
Primary side rated current	5A/50A	100A	250A	400A	600A	50A/100A	250A/400A	600A
Secondary side rated current	1.67mA/16.7mA	33.3mA	125mA	200mA	200mA	16.7mA/33.3mA	125mA/200mA	200mA
Winding (turns)	3000	3000	2000	2000	3000	3000	2000	3000
Ratio error	±2.0% F.S.					±1.0% F.S.		
Through hole	ø10	ø16	ø24	ø36	ø36	ø17	ø36	ø36
Breakdown voltage	1000V AC/min		2000V AC/min			1000V AC/min		2000VAC/min
Insulation resistance	Min. 100MΩ (at 500V DC)							
Functional vibration resistance	10 to 55Hz (1 cycle/min), single amplitude: 0.15mm (10min on 3 axes)							
Vibration resistance	10 to 55Hz (1 cycle/min), single amplitude: 0.375mm (1h on 3 axes)							
Functional shock resistance	Min. 98m/s ² (4 times on 3 axes)							
Shock resistance	Min. 294m/s ² (5 times on 3 axes)							
Output protection level	± 7.5V with clamp element		± 3.0V with clamp element			± 7.5V with clamp element		± 3.0V with clamp element
Permissible clamping frequency	Approx. 100 times					-		
Ambient temperature range	-10°C to +50°C (without frost and non-condensing)							
Storage temperature	-20°C to +60°C (without frost and non-condensing)							
Ambient humidity	35 to 85% RH (at 20°C non-condensing)					35 to 80% RH (at 20°C non-condensing)		
Weight (trunk cable included)	Approx. 60g	Approx. 90g	Approx. 200g	Approx. 295g	Approx. 450g	Approx. 70g	Approx. 200g	Approx. 215g

* Suitable for KW1M, KW2G, KW4M, KW7M, KW8M