



CURRENT TRANSFORMERS

Split Core

This series of split core current transformers ("SP") is simple and designed for connection to the WebMeter products from CircuitMeter. Split core current transformers may minimize shutdown time.

Installation must be installed by a certified electrician and adhere to local electrical safety guidelines.

KEY FEATURES

- Accuracy class between 0.5 and 1.0
- Designed for WebMeter48™
- Designed for energy monitoring
- AC input, 50/60 Hz
- 600 VAC Rated
- Primary current range from 40A to 2000A

SPECIFICATIONS



	SP 040	SP 100-1	SP 200	SP 500-1	SP 2000-1
Type ¹	Split	Split	Split	Split	Split
Rated Primary Current	40A	100A	200A	500A	2000A
Turn Ratio	1:3000	1:2000	1:2000	1:5000	1:20000
Operating Temperature	-40°C ~ +70°C	-40°C ~ +65°C	-40°C ~ +65°C	-40°C ~ +75°C	-40°C ~ +60°C
Accuracy Class	1.0	0.5	1.0	0.5	0.5
Accuracy Class Amps Range	4 – 40A	10 – 100A	20 – 200A	25 – 500A	10 – 2000A
Reference Amps	NA	NA	NA	NA	NA
Minimum Amps with WebMeter	NA	NA	NA	NA	NA
Maximum Burden	10 Ohm	10 Ohm	10 Ohm	10 Ohm	10 Ohm
Pollution	PD 2	PD 2	PD 2	PD 2	PD 2
Dielectric Withstanding Voltage	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V	CAT IV 600V
UL / CSA / CE / RoHS	Yes	Yes	Yes	Yes	Yes
Safety Standard	UL 61010-1	IEC 61869-2	UL 61010-1	IEC 61010-1	UL2808, IEC 61010-1
Secondary Wire	18AWG – UL1015	18AWG – UL1015	18AWG – UL1015	18AWG – UL1015	18AWG – UL1015
Secondary Wire Length – (meters)	2.0	2.0	2.0	2.5	3.0
– (feet)	6.6	6.6	6.6	8.2	9.8
Dimensions (L x H x W) – (mm)	31.5 x 48 x 31.4	32 x 46 x 31.5	76 x 57 x 21	142.5 x 109 x 28.5	232 x 164 x 44
– (inches)	1.24 x 1.89 x 1.24	1.26 x 1.81 x 1.24	2.99 x 2.24 x 0.83	5.61 x 4.29 x 1.12	9.13 x 6.46 x 1.73
Window Size – (mm)	16	16	25	55	160 x 80
– (inches)	0.63	0.63	0.98	2.17	6.3 x 3.15
Locking Mechanism	Locking Tab	Locking Tab	Screw	Locking Tab / Security Pin	Security Pin

¹ For use on insulated conductors only

** Subject to Change Without Notice **

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