

**Features:**

The OSM-W6 Series provide precision measurement for sub-metering, controls and energy management without dismantling the main line. Ergonomically designed with secured latches and keying holes, this CT has the largest ID of OSM-W Series making suitable for high load applications.

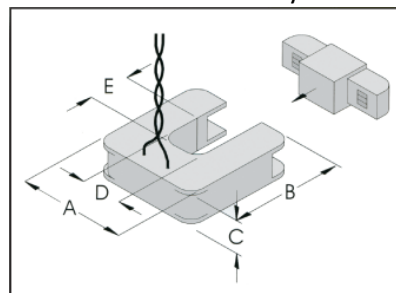
The OSM-W6 Series custom split-core AC current transformer with a nominal current rating of 800 Amps to 2000 Amps. This current transformer features 5A output from its secondary coil when AC current is passed through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor without necessitating a free end. The OSM-W6 series transformers are manufactured by WATTCORE, which has one of the highest industry standards resisting environmental conditions and accuracy.

- ✓ Standard Input Current 600-2000A
- ✓ Frequency 50Hz — 400Hz
- ✓ Custom design Turns-Ratio available
- ✓ Standard accuracy 0.75
- ✓ Approximate weight 2.2Lbs
- ✓ ANSI C57.13 and C12.20 Standards
- ✓ Environmentally sealed option
- ✓ 5A output options
- ✓

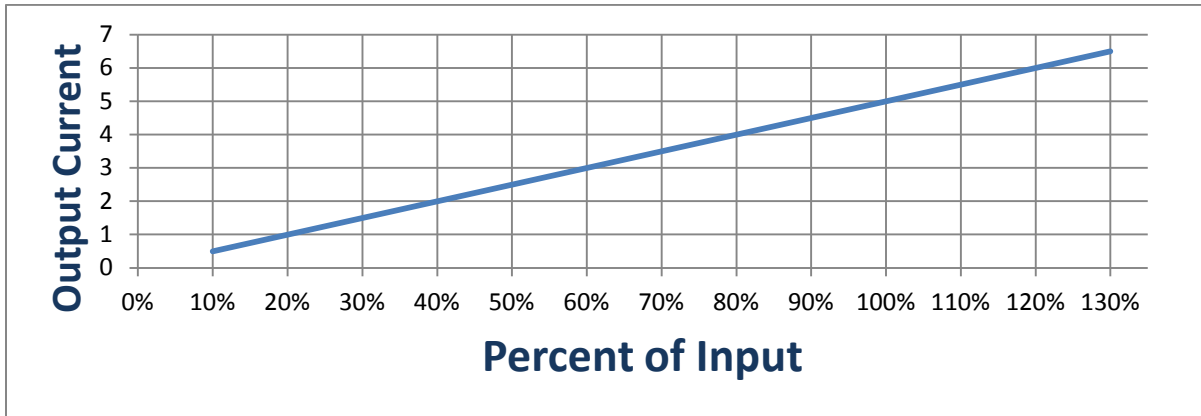
Specifications:			
Type	Parameter	Value	Units
Inputs			
	Nominal Current	800-2000	Amps
	Extended Range	130	%
Outputs Type			
	Voltage Output type 1		Vrms
	Current Output type 1	5	A
Performance			
	Linearity Accuracy	+/-0.50	%
	Overall Linearity	10-130	%
	Phase angle at 50%	1	Degree
Environment			
	Min Operating Temp	-20	°C
	Max Operating Temp	+85	°C
	Potting	NO	
Mounting			
	Split-core	YES	
Conductor			
	Connector Wire Size	18	AWG
Weather			
	Environmental sealing	Optional	
Dimensions			
	A	111(4.37)	mm(inch)
	B	199(7.83)	mm(inch)
	C	31.5(1.24)	mm(inch)
	D	50.8(2.0)	mm(inch)
	E	127(5.5)	mm(inch)
Compliance			
	UL IEE C57.13	TBD	
	CE EN 60044-1-1	YES	
	C12.20	YES	

Ordering Information:		
Part Number	Input Range	Output
OSM-W6-0800-5A	0-800A	5A
OSM-W6-1200-5A	0-1200A	5A
OSM-W6-1600-5A	0-1600A	5A
OSM-W6-2000-5A	0-2000A	5A
OSM-W6-0800-5A-EVM	0-800A	5A
OSM-W6-1200-5A-EVM	0-1200A	5A
OSM-W6-1600-5A-EVM	0-1600A	5A
OSM-W6-2000-5A-EVM	0-2000A	5A

Dimensions Key



Current Sensor Output Current 5A type 1 /Input Current



Wire Diagram :

