

**Features:**

The OSM-W5 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 a large ID for the OSM-W5 Series making suitable for high but also medium load applications.

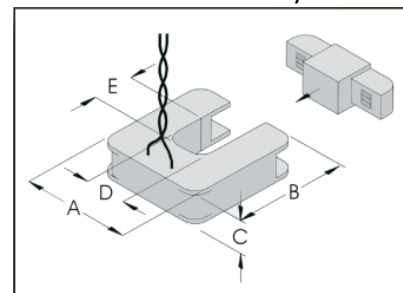
The OSM-W5 Series custom split-core AC current transformer with a nominal current rating of 400 Amps to 1000 Amps. This current transformer features 5A output from its secondary coil when AC current is passed through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor without necessitating a free end. The OSM-W5 series transformers are manufactured by WATTCORE, which has one of the highest industry standards resisting environmental conditions and accuracy.

- ✓ Standard Input Current 400-1000A
- ✓ Frequency 40Hz — 400Hz
- ✓ Custom design Turns-Ratio available
- ✓ Standard accuracy 0.5
- ✓ Approximate weight 1.7Lbs
- ✓ ANSI C57.13 and C12.20 Standards
- ✓ CATIII-600VAC
- ✓ Environmentally sealed option
- ✓ 5A output option

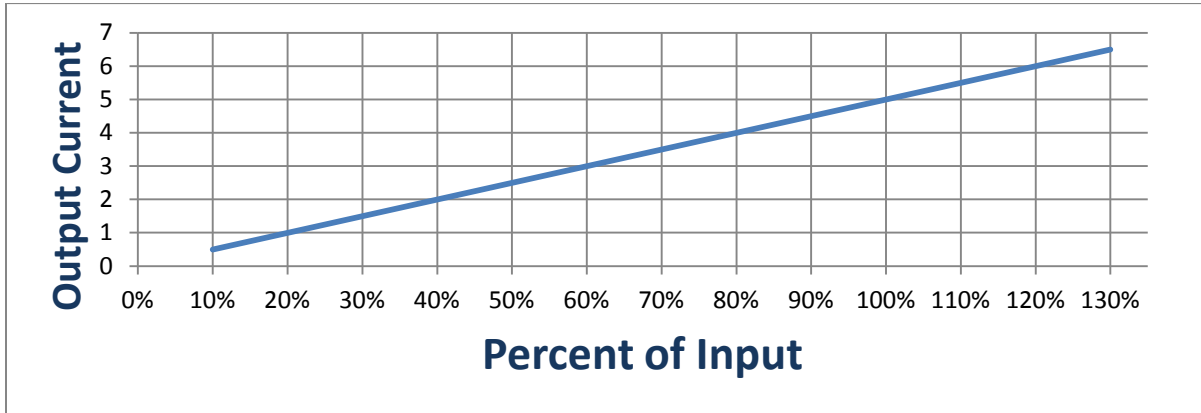
Specifications:			
Type	Parameter	Value	Units
Inputs			
	Nominal Current	400-1000	Amps
	Extended Range	130	%
Outputs Type			
	Voltage Output type 1		Vrms
	Current Output type 1	5	A
Performance			
	Linearity Accuracy	+/-0.5	%
	Overall Linearity	10-130	%
	Phase angle at 50%	1	Degree
Environment			
	Min 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	148(5.83)	mm(inch)
	C	31.5(1.24)	mm(inch)
	D	50.8(2.0)	mm(inch)
	E	89(3.54)	mm(inch)
Compliance			
	IEEE C57.13	YES	
	IEC60044-1 & cETLus	YES	
	UL61010-1	YES	
	IEC61010-2	YES	
	CSA C22.2	YES	
	CATIII-600V	YES	

Ordering Information:		
Part Number	Input Range	Output
OSM-W5-0400-5A	0-400A	5A
OSM-W5-0600-5A	0-600A	5A
OSM-W5-0800-5A	0-800A	5A
OSM-W5-1000-5A	0-1000A	5A
OSM-W5-0400-5A-EVM	0-400A	5A
OSM-W5-0600-5A-EVM	0-600A	5A
OSM-W5-0800-5A-EVM	0-800A	5A
OSM-W5-1000-5A-EVM	0-1000A	5A

Dimensions Key



Current Sensor Output Current 5A type 1 /Input Current



Wire Diagram :

