



### Features:

The OSM-W2 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-W2 Series making suitable for medium load applications.

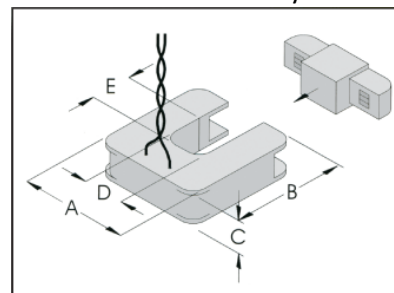
The OSM-W2 Series custom split-core AC current transformer with a nominal current rating of 150 Amps to 300 Amps. This current transformer features 5A output from its secondary coil when AC current is passed through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor without necessitating a free end. The OSM-W2 series transformers are manufactured by WATTCORE, which has one of the highest industry standards resisting environmental conditions and accuracy.

- ✓ Standard Input Current 150-300A
- ✓ Frequency 40Hz — 400Hz
- ✓ Custom design Turns-Ratio available
- ✓ Standard accuracy 0.5
- ✓ Approximate weight 0.5Lbs
- ✓ ANSI C57.13 and C12.20 Standards
- ✓ CATIII-600VAC
- ✓ Environmentally sealed option
- ✓ 5A output option

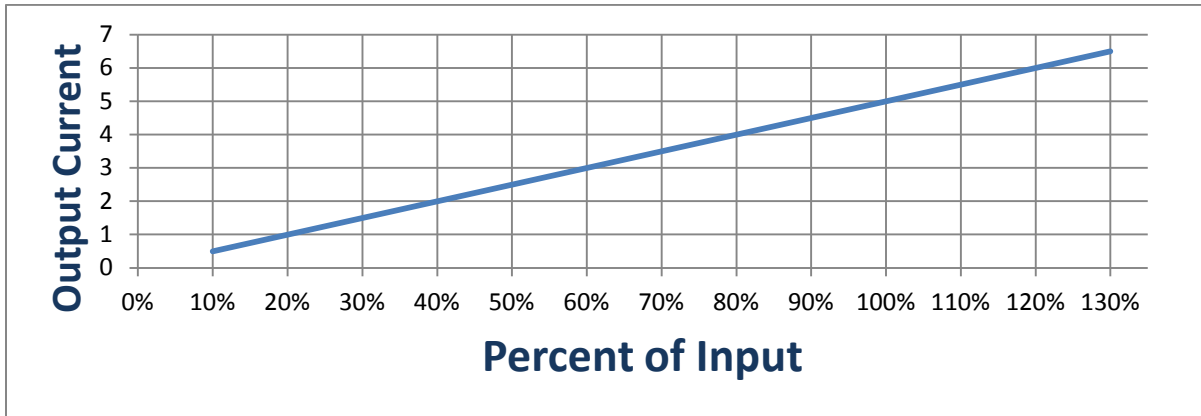
Specifications:			
Type	Parameter	Value	Units
<b>Inputs</b>			
	Nominal Current	<b>150-300</b>	Amps
	Extended Range	<b>130</b>	%
<b>Outputs Type</b>			
	Voltage Output type 1		Vrms
	Current Output type 1	<b>5</b>	A
<b>Performance</b>			
	Linearity Accuracy	<b>+/-0.5</b>	%
	Overall Linearity	<b>10-130</b>	%
	Phase angle at 50%	<b>1</b>	Degree
<b>Environment</b>			
	Min Operating Temp	<b>-15</b>	°C
	Max Operating Temp	<b>+65</b>	°C
	Potting	<b>NO</b>	
<b>Mounting</b>			
	Split-core	<b>YES</b>	
<b>Conductor</b>			
	Connector Wire Size	<b>18</b>	AWG
<b>Weather</b>			
	Environmental sealing	<b>Optional</b>	
<b>Dimensions</b>			
	A	<b>63.5(2.50)</b>	mm(inch)
	B	<b>70.87(2.79)</b>	mm(inch)
	C	<b>22.86(0.9)</b>	mm(inch)
	D	<b>25.4(1.00)</b>	mm(inch)
	E	<b>35.56(1.40)</b>	mm(inch)
<b>Compliance</b>			
	IEEE C57.13	<b>YES</b>	
	IEC60044-1-1 & cETLus	<b>YES</b>	
	CSA C22.2	<b>YES</b>	
	UL61010-1	<b>YES</b>	
	IEC61010-2	<b>YES</b>	

Ordering Information:		
Part Number	Input Range	Output
OSM-W2-0150-5A	0-150A	5A
OSM-W2-0200-5A	0-200A	5A
OSM-W2-0300-5A	0-300A	5A
OSM-W2-0150-5A-EVM	0-150A	5A
OSM-W2-0200-5A-EVM	0-200A	5A
OSM-W2-0300-5A-EVM	0-300A	5A

Dimensions Key



Current Sensor Output Current 5A type 1 /Input Current



Wire Diagram :

