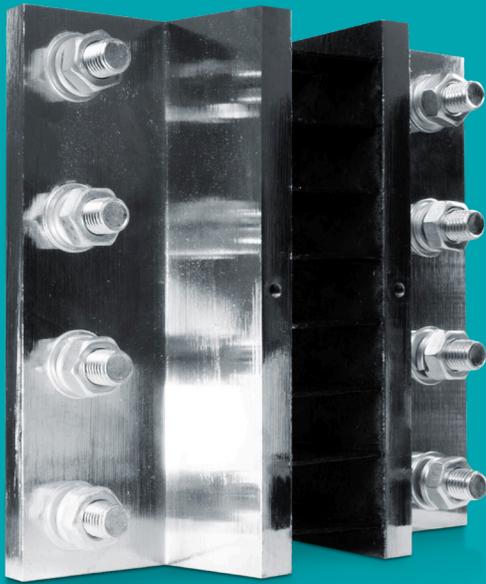


# Shunt Series

## Shunt-4000A

DC Current Shunt Datasheet



Accuenergy DC current shunts are engineered for precision measurement in DC current systems. Designed to connect to a DC power meter to measure electrical currents based on a small voltage drop, DC current shunts provide accurate energy measurements in a variety of applications including renewable energy, mass transit, battery charging, electric vehicles, welding, heavy industrial environments, and OEM applications.

### Features

- Accuracy class: 0.5%
- 75mV voltage drop



### Accuenergy Inc.

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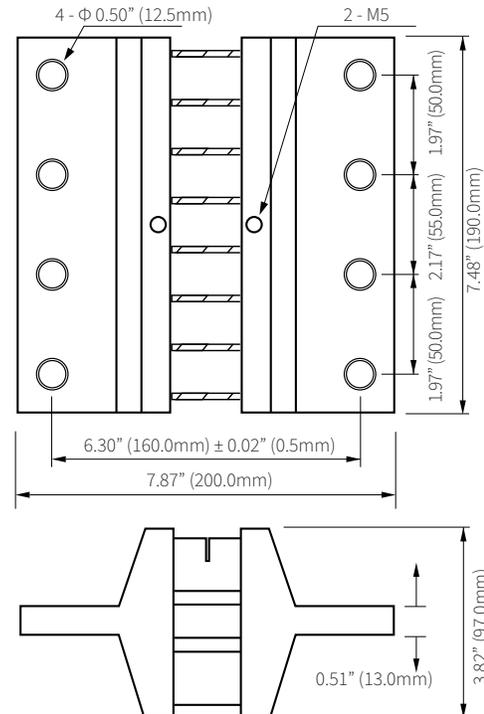
Revision Date: December 2023 Version: 1.0.2  
 Specs Subject To Change Without Notice.



### Specifications

<b>RATED CURRENT</b>	
Rated Current	4000A
Current Range	10-120% of rated current
Accuracy	0.5%
Voltage Drop	75mV
<b>MECHANICAL/ENVIRONMENTAL</b>	
Form Factor	Inline installation
Exterior Dimensions	200.0mm x 190.0mm x 97.0mm 7.87" x 7.48" x 3.82"
Case Material	Manganin Alloy
Operating Temperature	-40°C to 60°C / -40°F to 140°F
Shunt Temperature w/ Load Current	<80% of rated current = 80°C (176°F), >120% = of rated current = 120°C (248°F)
Storage Temperature	-55°C to 80°C / -67°F to 176°F
Operating Humidity	Non-condensing, 0 to 95% RH
Installation Conditions	Indoor Use
<b>ELECTRICAL</b>	
Frequency Range	DC
<b>SAFETY/COMPLIANCE</b>	
Overload	120% of nominal current (2 hours)
Certifications	RoHS

### Dimensions



### Ordering Information

		Rated Input	Voltage Drop
<b>Ordering Number</b>	Shunt	-	/
<b>Ordering Example</b>	<b>Shunt</b>	<b>- 4000A</b>	<b>/ 75mV</b>
		4000A	75mV