Specifications

RATED CURRENT 200A
Current Range 10-120% of rated current
Accuracy 0.5%
Voltage Drop 75mV

MECHANICAL/ENVIRONMENTAL
Form Factor Inline installation
Exterior Dimensions 116.5mm x 21.0mm x 21.5mm
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

ELECTRICAL
Frequency Range DC

SAFETY/COMPLIANCE
Overload 120% of nominal current (2 hours)
Certifications RoHS

Dimensions

Ordering Information

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<tr>
<th>Ordering Number</th>
<th>Rated Input</th>
<th>Voltage Drop</th>
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<tr>
<td>Shunt</td>
<td>- 200A</td>
<td>/ 75mV</td>
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<tr>
<td>Ordering Example</td>
<td>Shunt</td>
<td>- 200A</td>
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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

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