

T-ACT-0750-050

50 Amp Accu-CT Split-Core Current Transformer 333mV Sensor

0.78”(20mm) Opening

The Accu-CT split-core current transformer offers outstanding accuracy and one-handed operation.

Important Information

Refer to data logger product pages to ensure you have the proper interfaces (modules, adapter, etc.) to deploy this sensor.



Supported Measurements

AC Current, Amps (A)

Features

- Unprecedented linearity
- Window opening 0.75 Inch
- The Accu-CT revenue grade, split-core current transformer offers outstanding linearity and phase angle accuracy with a unique one-handed opening and closing mechanism
- Safe: burden resistor built-in, 333 mVac voltage output at rated full scale current, no shorting blocks needed
- IEEE C57.13 and IEC 60044-1 accuracy: over full temperature range and down to 1% of rated current
- Exceptionally low phase angle error: essential for accurate power and energy measurements
- Glove-friendly: easy to open and install with one hand while wearing safety gloves
- Approvals: UL recognized, CE mark, RoHS

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

50 Amp Accu-CT Split-Core Current Transformer 333mV Sensor (T-ACT-0750-050) Specifications

Accuracy: $\pm 0.75\%$ from 1% to 120% of rated primary current

Phase angle: ± 0.5 degrees (30 minutes) from 1% to 120% of rated current

Accuracy standards: IEEE C57.13 class 1.2 and IEC 60044-1 class 1.0

Primary rating: 5 to 250 Amps, 600 Vac, 60 Hz nominal

Output: 333.33 mVac at rated current

Operating temperature: -30°C to 55°C

Safe: integral burden resistor, no shorting block needed, unless otherwise noted

Standard lead length: 8 ft (2.4 m), 20 AWG

UL recognized, CE mark, RoHS

Assembled in USA: qualified under Buy American provision in ARRA of 2009

Width: 2.38 inches

Height: 2.40 inches

Thickness: 0.90 inches

Window: 0.78 inches