



# CCS Accu-CT Series Current Transformers User Manual

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**CCS Accu-CT Series Current Transformers**



## Product Information

### Specifications

- **Product Name:** Continental Control Systems AccuCTs
- **Type:** Ferrite Core Current Transformers (CTs)
- **Manufacturer:** Continental Control Systems (CCS)
- **Usage:** Measuring electrical current

### Product Usage Instructions

#### Handling and Installation

Accu CTs are prone to damage if mishandled during installation. Follow these guidelines to avoid any damage:

- Do not drop, strike, or close the CT aggressively.
- Avoid forcing the CT closed, as it can cause chips or cracks in the ferrite core, reducing accuracy.
- Squeeze the tabs on either side of the hinged portion of the CT together before closing it.
- The CT should close without applying significant pressure when the tabs are squeezed.
- Failure to follow this step can result in damage that may not be readily visible.

#### Orientation and Placement

When installing the Accu CT, ensure the correct orientation and placement:

- Face the stickered end of the CT towards the item being measured.
- For example, when measuring electrical current for a grid, the sticker should face the utility meter.
- When measuring current for a hot water heater, the sticker should face the hot water heater, not the breaker feeding it.

## Additional Resources

- For the most up-to-date documentation and further information, please visit the official website at [kb.egauge.net](http://kb.egauge.net).

## Introduction

### Installing Continental Control Systems AccuCTs


Like most ferrite core CTs, Accu CTs from Continental Control Systems (CCS) are prone to damage if dropped, struck, or closed aggressively. In order to avoid damage during installation, the CT should not be forced closed. This can cause chips or cracks in the ferrite core, which reduces the accuracy of the CT.

To prevent damage to CCS CTs, the tabs on either side of the hinged portion of the CT should be squeezed together. The CT can then be closed as normal. The image below shows the tabs. When the tabs are squeezed, the CT should close without applying significant pressure. Failure to follow this step can cause damage to the CT. This damage may not be readily visible. Face the stickered end of the CT towards the item being measured (e.g., for Grid the sticker faces the utility meter, for a hot water heater the sticker faces the hot water heater, not the breaker feeding it).

CT tabs with light pressure applied (under the thumb and index finger)

Please visit [kb.egauge.net](http://kb.egauge.net) for the most up-to-date documentation.

## Documents / Resources

	<p><a href="#">CCS Accu-CT Series Current Transformers</a> [pdf] User Manual Accu-CT Series Current Transformers, Accu-CT Series, Current Transformers, Transformers</p>
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## References

- [eGauge Support Library](#)
- [User Manual](#)