

RCT GRIP Kit

Rogowski Mount Installation Kit Datasheet



Specifications

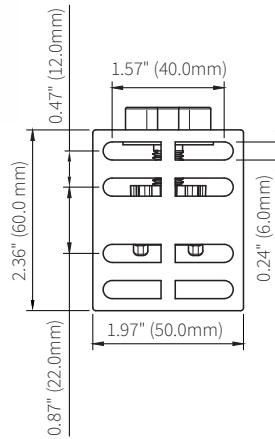
MATERIAL	Black Polycarbonate, Black PPS, and Glass Fiber
WEIGHT	
RCT-GRIP-M	57g (0.13 lbs)
RCT-GRIP-L	118g (0.26 lbs)
COMPATIBLE MODELS	
RCT-GRIP-M	AcuCT Flex RCT 24
RCT-GRIP-L	AcuCT Flex RCT 36 and RCT 47

Dimensions

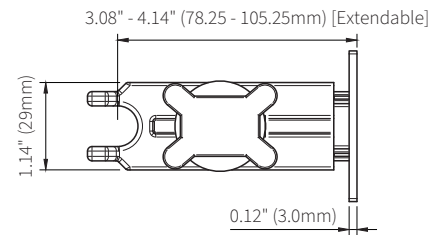
RCT-GRIP-M



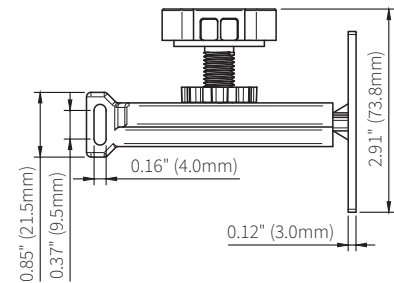
Front View



Top View



Side View



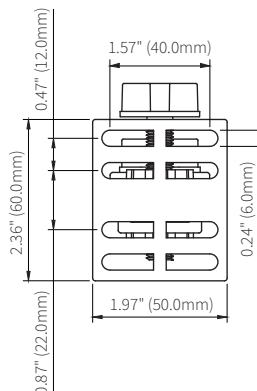
The RCT Guaranteed Rogowski Installation Performance (GRIP) Kit is designed to enhance the stability and accuracy of an AcuCT Flex Rogowski coil current transformer (RCT) installation by ensuring proper alignment around the conductor. By securely holding the Rogowski coil in place, it helps maintain optimal position for reliable and precise current measurements. Engineered for easy installation, the GRIP Kit provides a dependable solution for applications requiring precise energy monitoring while reducing mechanical strain on the coil.

Features

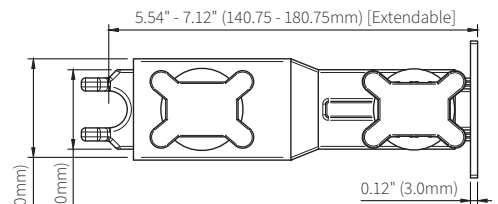
- Ensure proper Rogowski coil alignment to improve measurement accuracy and performance for AcuCT Flex RCT.
- Engineered for easy installation, enabling quick and secure mounting on various conductors.
- Enhance the stability for RCT installations by preventing coil movement or misalignment during operation.
- Supports revenue-grade tenant billing with AcuCT Flex RCT by maintaining reliable and precise current measurements.

RCT-GRIP-L

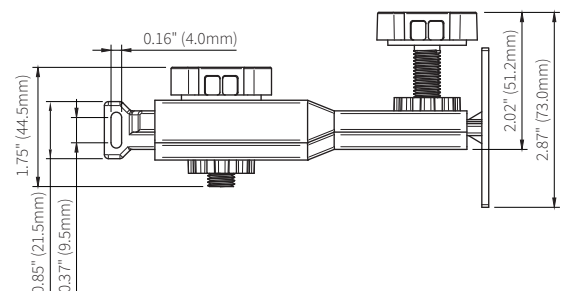
Front View



Top View



Side View



Applications

Improved Measurement Accuracy

- + By making sure the conductor is centred within the Rogowski coil window, the RCT GRIP Kit eliminates potential measurement errors caused by coil movement or misalignment. This ensures more precise and consistent current readings for revenue-grade energy monitoring applications.

Suitable for Busbars and Cables

- + The RCT GRIP Kit accommodates both busbars and cables, making it a flexible solution for a wide range of electrical systems. The adaptable design ensures proper Rogowski coil positioning regardless of conductor type, optimizing AcuCT Flex RCT's measurement accuracy and performance across various installations.

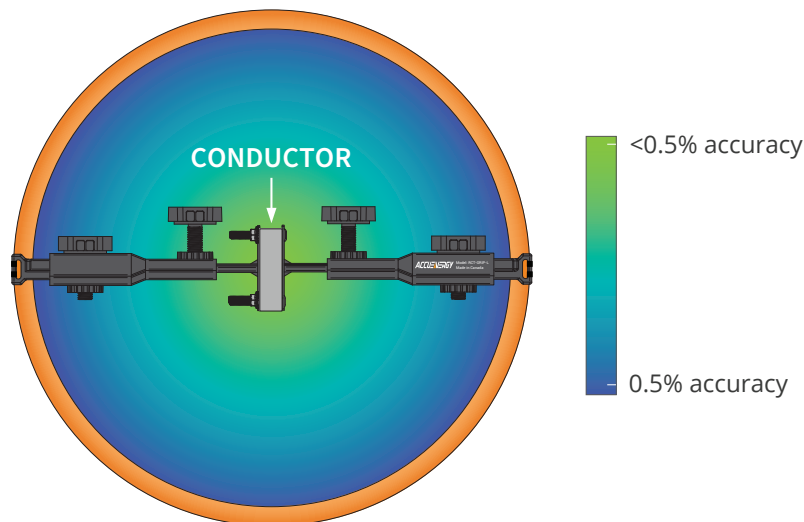
Prevent Mechanical Strain

- + Improperly installed Rogowski coil can experience stress on its connectors and internal components, potentially leading to wear or failure over time. The RCT GRIP Kit alleviates mechanical strain by keeping the coil securely in place, extending its durability and maintaining reliable performance.

Mitigate Safety Risks

- + An unsecured RCT installation can pose safety risks, such as accidental contact with live conductors or unexpected disconnection. They can lead to serious consequences, especially in high voltage environments. By securing the RCT properly, the RCT GRIP Kit reduces the likelihood of such risks, enhancing operational safety in electrical environments.

AcuCT Flex Accuracy Heatmap



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Revision Date: February 2025 Version: 1.0.0
Specs Subject To Change Without Notice.

Ordering Information

	Model	-	Size
Ordering Number	RCT-GRIP		M L
Ordering Example:	RCT-GRIP-M		

Note: Two RCT GRIPs are included in each GRIP Kit. AcuCT Flex Rogowski coils are sold separately.