

# **RCT GRIP Kit**

## **Quick Setup Guide**

- **Appearance and Dimension**
- **Included Parts**
- **Installation Instruction for Busbars**
- **Installation Instruction for Cables**
- **Appendix A**

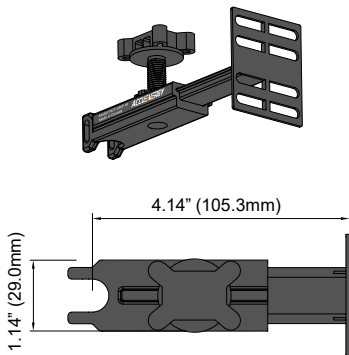
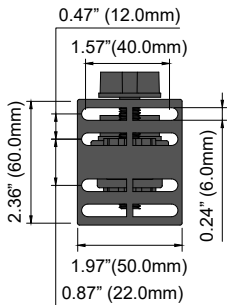
This quick setup guide is for both RCT-GRIP-M and RCT-GRIP-L models. RCT-GRIP-M is compatible with AcuCT Flex RCT24 model, and RCT-GRIP-L is compatible with AcuCT Flex RCT36 and RCT47 models. Please check the product label for correct installation instruction.

# Appearance and Dimension

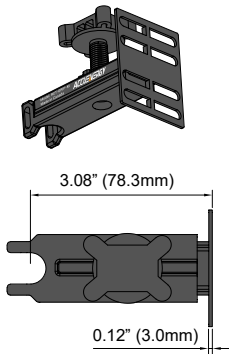
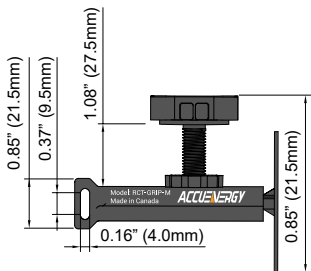
Units: inches (mm)

## RCT-GRIP-M

### Fully Extended View



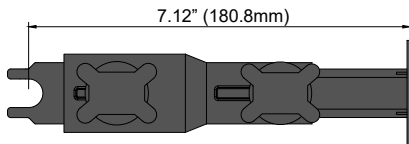
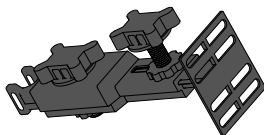
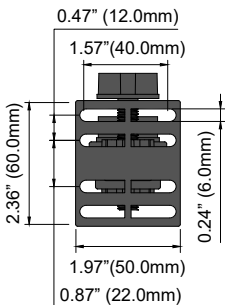
### Fully Retracted View



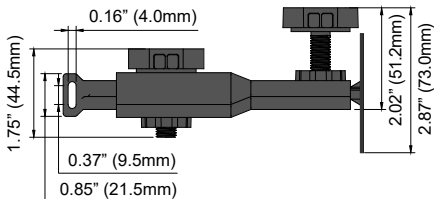
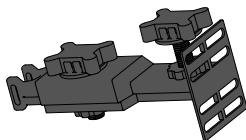
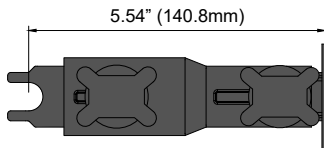
# RCT-GRIP-L

## Fully Extended View

Units: inches (mm)

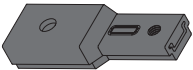









## Fully Retracted View



## Included Parts

List of parts numbers for the RCT-GRIP-L and RCT-GRIP-M models.

Part Diagram	Part Name	Qty. for RCT-GRIP-M	Qty. for RCT-GRIP-L
	Extension Shaft	Not Included	2
	Coil Clamp	2	2
	Knob Screw	2	4
	Jam Nut	2	4
	Mounting Rail	2	2
	M5 Stainless Steel Flanged Button Head Screws	8	8
	M5 Flange Locknut	8	8
	9" Long Zip Tie	8	8

# Installation Instruction for Busbars

## Busbar Preparation

Before installing the RCT GRIP Kit on a metal busbar, prepare the busbar by drilling holes that are properly sized to accommodate M5 screws. Recommended hole positions for busbars with thicknesses of 0.25", 0.5", 0.75", and 1" are detailed in **Appendix A**

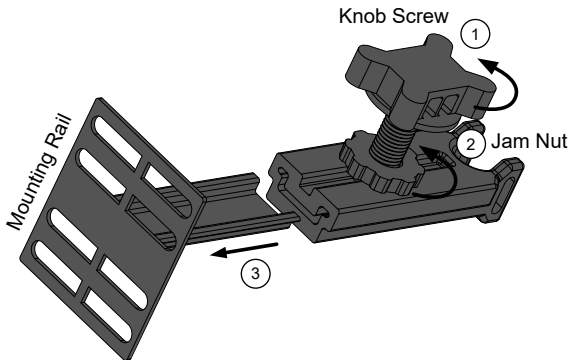
## Installation Instruction

The following instruction is for RCT-GRIP-M and RCT-GRIP-L models.

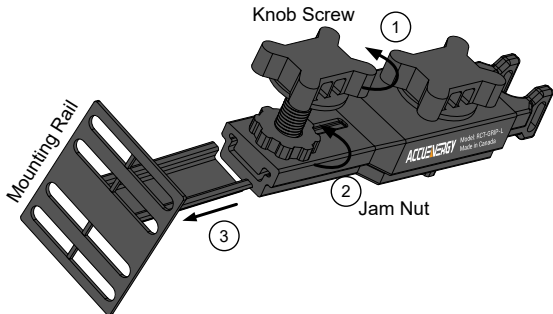
**Step 1:** Loosen the knob screw ① and jam nut ② by rotating them counterclockwise.

**Step 2:** Fully remove the mounting rail ③ from the coil clamp (for RCT-GRIP-M) or extension shaft (for RCT-GRIP-L).

### RCT-GRIP-M

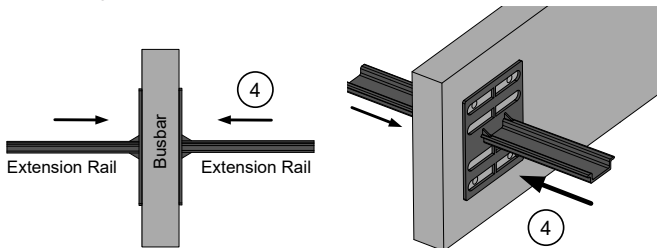


## RCT-GRIP-L

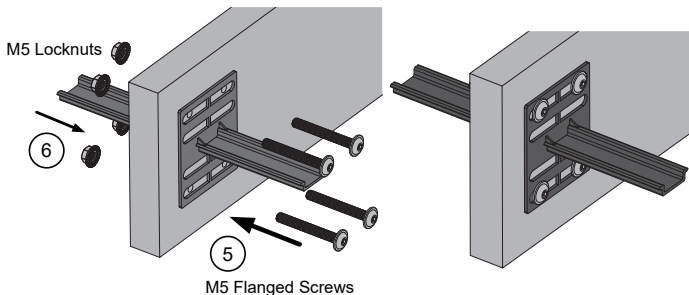


**Step 3:** Position the mounting rails on the busbar by aligning the rails directly over the four drill holes (4). The holes should be accessible through the grid openings on the mounting rails, as shown on the right image below.

*Note: For installation on cable conductors, see **Installation Instruction for Cables** section on page 10.*

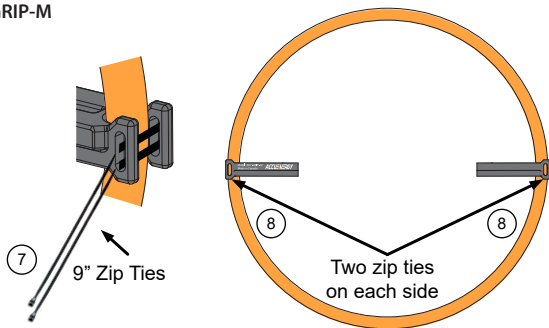


**Step 4:** Insert four M5 screws through the grid openings on the mounting rails and into the drill holes as shown (5). Secure the mounting rails by fastening them with the M5 flanged locknuts (6).

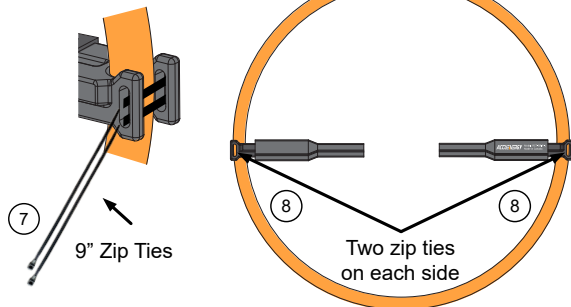


**Step 5:** Thread two 9" zip ties through the coil clamp holes (7), looping them around the AcuCT Flex RCT. Tighten the zip ties to ensure the clamp locks around the coil. Repeat the same step on the opposite side of the AcuCT Flex RCT (8).

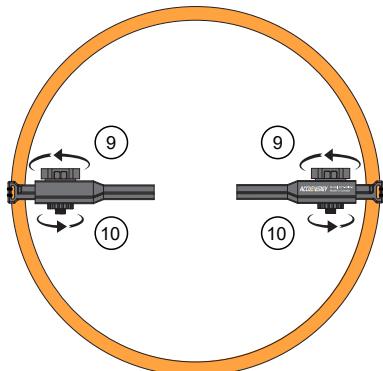
#### RCT-GRIP-M



## RCT-GRIP-L



**Step 6: (For RCT-GRIP-L ONLY)** Tighten the knob screw by rotating it clockwise ⑨ and the jam nut by rotating it counterclockwise ⑩ to ensure the extension shaft is securely attached to install onto the coil clamp.

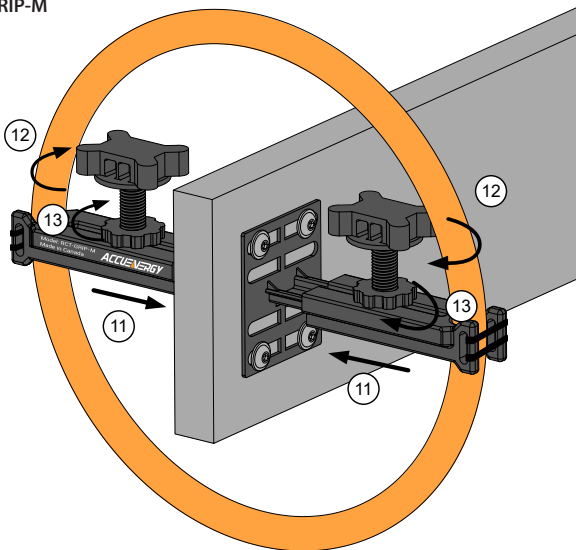




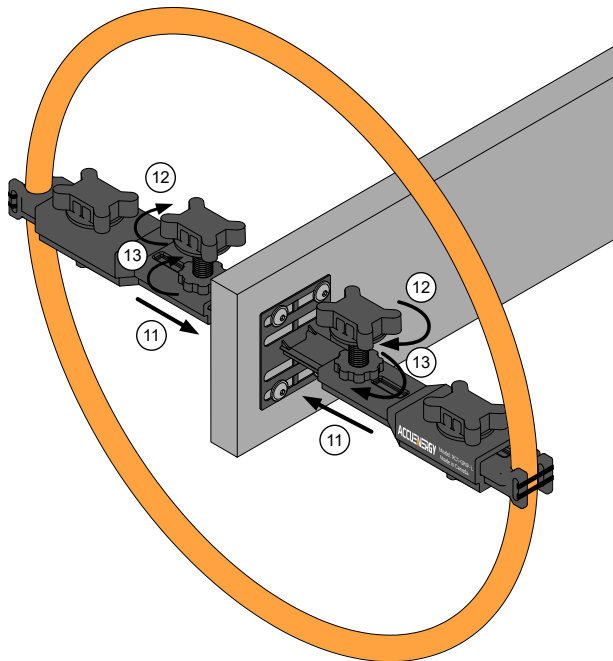
**Step 7:** Slide the completed assembly onto the mounting rails (11) that was installed on the busbar. Adjust the position of the coil clamp (for RCT-GRIP-M) or extension shaft (for RCT-GRIP-L) on the mounting rail to ensure the busbar is aligned at the center of the AcuCT Flex RCT.

**Step 8:** Tighten the knob screws (12) and jam nut (13) clockwise to secure the assembly.

### RCT-GRIP-M



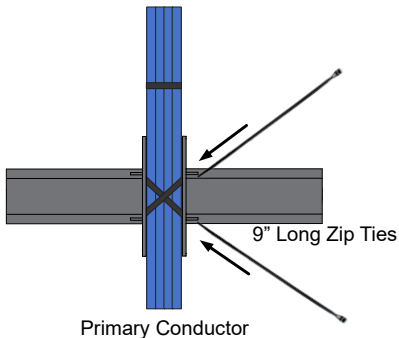
## RCT-GRIP-L



## Installation Instruction for Cables

**Step 1:** Repeat Step 1 to 2 in the **Installation Instruction for Busbars**.

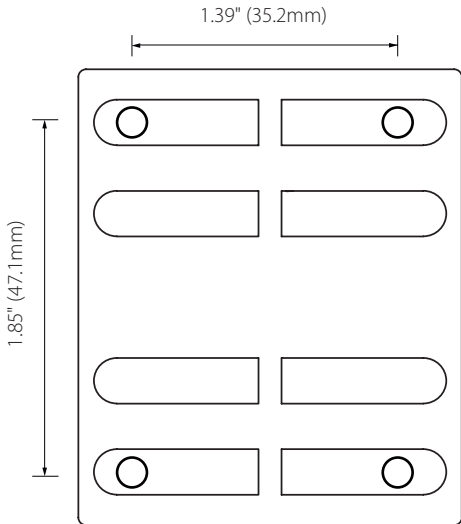
**Step 2:** Align mounting rails correctly so the AcuCT Flex can be positioned around the cable. Then use 9" zip ties to secure the mounting rails on the cable.



**Step 3:** Repeat Step 5 to 8 in the **Installation Instruction for Busbars**. For optimal performance, adjust the position of the coil clamp on the mounting rail to ensure the cable conductor is aligned at the center of the AcuCT Flex RCT.

## Appendix A

Units: inches (mm)



**ACCUEVERGY**

**Accuenergy Inc.**

Los Angeles-Toronto-Pretoria

North America Toll Free: 1-877-721-8908

Web: [www.accuenergy.com](http://www.accuenergy.com)

Revision Date: February, 2025