

# MULTIPOINT SUBMETER HUB

## Quick Start System Guide

(CS-400-SH-MP)

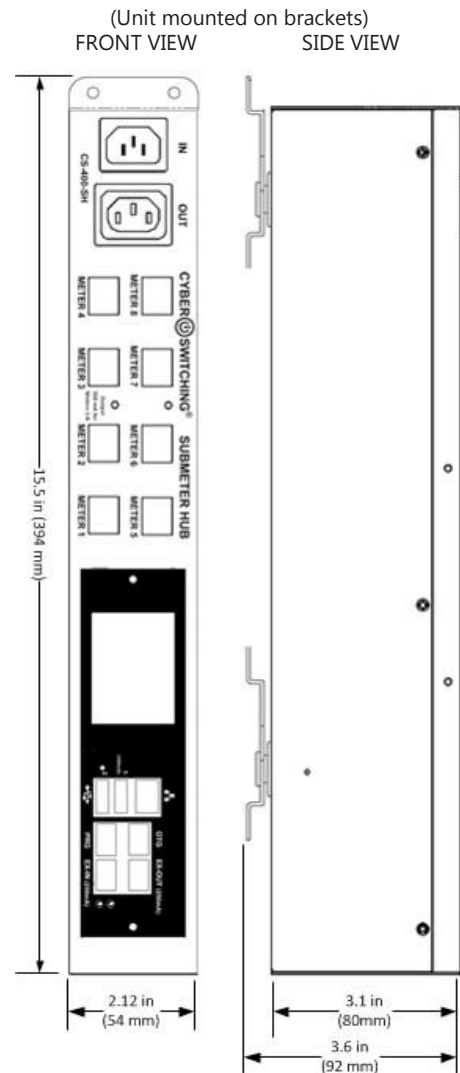
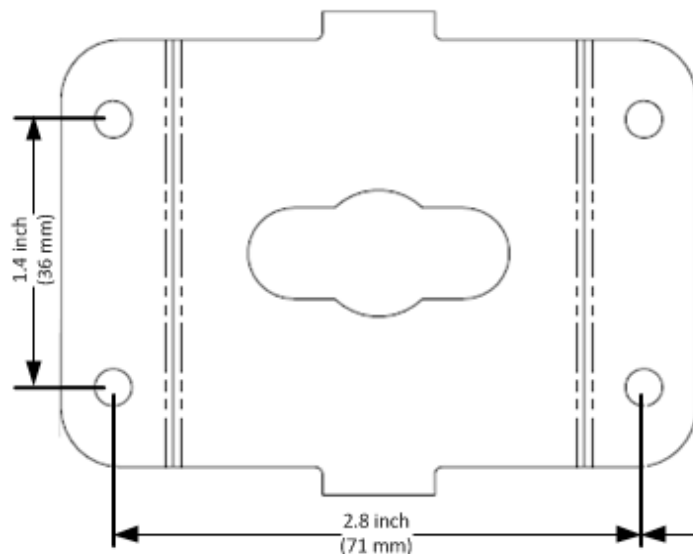
### OVERVIEW

The Cyber Switching Multipoint Submeter Hub is intended to power and work with the Cyber Switching Multipoint Submeter Module for monitoring current, voltage and kWh history.

Purchase the Multipoint Submeter Module (CS-400-MM-060), and Cyber Switching Solutions field installable split core Current Transformers (50-600A range, 0.33V max) separately and install them prior to installation of the Multipoint Submeter Hub.

### Product Ratings:

- Input: 120-240V, 12-6A, 50-60 Hz
- Output: 120-240V, 9-4A, 50-60 Hz



### ENCLOSED EQUIPMENT:

- CS-400-SH-MP Multipoint Submeter hub
- CS#1014096 Mounting Bracket, Single Keyhole, 2.26 in x 3.35 in (2 enclosed)
- CS#1014193 Power cord, NEMA, 5-15 to C13 locking

### REQUIRED FOR INSTALLATION:

- 120VAC power
- Ethernet patch cable (CAT5e, RJ45)

7.0 inch (178.1 mm)

### HARDWARE INSTALLATION INSTRUCTIONS

1. Complete installation of current transformers and multipoint module into electrical cabinet.
2. Secure submeter hub mounting brackets to wall using drill guide below (hub can be installed outside of electrical cabinet). Ensure that:
  - The panel mount RJ45 from the submeter module is convenient to the hub.
  - The electrical outlet is easily accessible to where the hub will be mounted.
3. Secure the mounting brackets using the drill guide template supplied with this quick start guide.
4. Mount hub to brackets, ensuring that the button mounts extending from the back of the hub are secured inside the keyhole feature on each template.
5. Connect AC power to the inlet port of the hub. The network interface and meter port LEDs will begin to display data.
6. Use ethernet patch cable to connect from the module to an available meter port on the submeter hub. After connected, a green status led inside the submeter becomes activated.
7. Connect the submeter hub to a WAN network using an ethernet cable.

**Note:** Check the [Cyber Switching website](#) for latest product offerings for Multipoint Module as well as the latest installation instructions for all product systems. The *Multipoint Submeter System User Manual* is available for download and provides instructions on how to configure the three-phase hub and module for optimal performance.

