

The Tap Commander Module is an optional accessory for the OmniMetrix® Hero™ Rectifier Monitor that enables remote adjustment of the rectifier voltage normally performed on-site at the rectifier. The Tap Commander connects to standard rectifiers such as the Universal Rectifiers Type A and Type B in place of the voltage setting taps. Up to 6 Coarse and 6 Fine tap positions can be connected.



Latching relays are used to reduce current consumption.

## Specifications

### Number of Taps

- 6 Coarse
- 6 Fine

Maximum Switching Current: 16 A

Maximum Switching Voltage: 250 VAC

Connections: Screw Terminals on Tri-Wall Barrier Blocks to protect against flashover

Mounting: Fits in SnapTrack DIN rail (supplied); can be mounted in the rectifier

Size: 7.7" x 2.7" x 0.75"

Power Supply: Powered by the Omnimetrix Rectifier Monitor

### Control

- On-site using pushbuttons on the Tap Commander
- Remote via the Omnimetrix Rectifier Monitor. Three modes are available:
  - 0 – Manual
  - 1 – Checks measured current against min and max limits and adjusts only at scheduled reporting interval.
  - 2 – Checks measured current against min and max limits and adjusts continuously.

### Environmental

- Operating Temperature Range, -4°F to +158°F (-20°C to +70°C)
- Non-operating Temperature Range -40°F to +221°F (-40°C to +105°C)
- Must be mounted in an enclosure which keeps precipitation off of the module.