

TAP COMMANDER™ MODULE

OVERVIEW

The Tap Commander Module is an optional accessory for the OmniMetrix® Hero™ 2 Rectifier Monitor that enables remote adjustment of the rectifier voltage normally performed on-site at the rectifier. The Tap Commander connects to standard rectifiers with up to 6 Coarse and 6 Fine tap positions.

BENEFITS

- Reduces field visits and operating costs
- Remotely adjusts tap settings
- Ideal for frequent changes in ground bed resistance

NUMBER OF TAPS:

- 6 Coarse
- 6 Fine

MAXIMUM SWITCHING CURRENT:

- 16A
- 40A

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" - 16A
- 8.5" x 4" x 2" - 40A



POWER SUPPLY:

- Powered by the Omnimetrix Rectifier Monitor

CONTROL:

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

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 the module