RC2500 AIU-4

Commercial Satellite Antenna Controller for Dual Axis Antennas

Enjoy the High resolution and accuracy of resolvers as position sensors on antennas equipped with Single-Speed, 3-phase AC Motors. Allows the use of the RC2500 with virtually any antenna system.

Features

- **Local Jog Control (Optional)**
  Includes:
  1) Antenna positioning directly at the antenna for maintenance.
  2) LED indicators show when a limit is reached.
  3) LED indicators reveal drive status.

- **Fast Acting Emergency Stop**
  Clearly labeled, externally mounted Emergency Stop Switch has press to STOP, twist to reset operation.

- **NEMA-4 Enclosure** (24”h x 20”w x 8”d)
  Enclosure has flanges in four corners to allow wall-mount using 3/8” hardware.

- **Single Speed for AZ/EL Motors**
  Reversible contactors for motors up to 5HP typical.

- **Over-Current Protection for AZ/EL Motors**
  Thermal Overload Relays specific for motors.

- **Customized Polarization Drive**
  Single Speed Polarization Control. DC, Single-phase or Three-phase motor control.

- **Optionally Supports Electromechanical Brakes for AZ and EL axes**

- **Flexible**
  May be configured for a wide variety of Antenna Systems.

Specifications

- **Size:** 24”H x 20”W x 8”D
- **Weight:** 40 lbs typical
- **Operating Temperature:** -20°C to +50°C
- **Input Power:** 208VAC 3-phase, 50/60 Hz, 20-amp service typical (may vary based on user requirements)