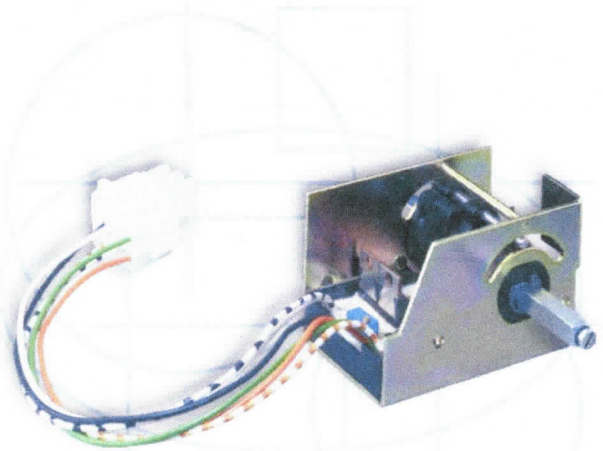
THROTTLE ASSEMBLY

MODEL ET-126

CURTIS



DESCRIPTION

The Curtis throttle assembly provides an analog 0-5V output proportional to throttle position for interfacing with motor speed controllers.

APPLICATION

This electronic throttle is ideal for use in material handling, golf cars, on-road and other electric vehicle applications which require a 0-5V input for speed control.

FEATURES

- Hall effect sensors and solid state MOSFET contactor drivers minimize moving parts, thereby increasing reliability and Mean Time Between Failure.
- Symmetrical throttle response in both forward and reverse directions ensures smooth, concise acceleration and deceleration in both directions.
- Minimal deadband areas at both zero and full throttle positions eliminates hesitation when beginning to accelerate or decelerate.
- Environmental protection of major components through an epoxy layer over the circuit board assures operation in harsh environmental conditions.
- Wig-wag type throttle returns the throttle to neutral for convenience and safety.
- Input polarity protection to ensure no damage occurs to the throttle if it is incorrectly wired.
- Easy to install.

SPECIFICATIONS

- Operating voltage:
  13 – 58VDC
- Throttle output range:
  0 to 5 Volts
- Maximum throttle output:
  5.3 Volts
- Minimum throttle output:
  0 Volts
- Maximum deadband at zero throttle:
  10 degrees
- Maximum deadband at full throttle:
  10 degrees
- Forward/Reverse current:
  1.5 amp max
- Symmetrical throttle response in both directions