

## ETI Series



**ON-OFF with Modulating Controls**



**With Modulating Controls**

## FEATURES/SPECIFICATIONS:

- Corrosion resistant NEMA 4,4x construction
  - Die cast aluminum housing and cover
  - Powder polyurethane coated
  - Stainless steel fasteners
- CSA and CE Approved
  - CSA certification No. 211860
  - CE regulation No. AN985455101
- Self-locking EPI-CYCLICAL gear train
  - No brake required
  - ETI-300/ETI-400 features self-locking motor with spur ears.
- Standard manual override with handwheel
  - Not available on ETI300/ETI-400
  - Manual override can be operated without any lever, clutch or brake upon power outage.
  - When actuator is operating, handwheel is stationary assuring safety to personnel.
- Visual position indicator
- Standard two auxiliary limit switches (10amp at 120VAC)
- Torque switches (2) standard on models ETI-8600 and larger
  - Optional on models ETI-700 through ETI-4300
- Optional servo card for modulating service
  - 4-20mA, 1-5mA, 1-5vdc, 0-10vdc, command signal potentiometer inputs
  - Optional 4-20mA transmitter
  - Characterized output - linear, quick opening, equal percent
- ISO5211 mounting patterns
  - Eliminates mounting kits to direct mount valves
  - Mounting kits available for ISO and other valve mounting patterns
  - Built-in thermal protection to prevent overheating motor windings = 248°F thermal setting
  - Heater and thermostat to prevent condensation buildup
- 14° -160° F working temperature

QSM's line of electric actuators offers a broad range of torques from 300 to 30,000 in. lbs. and numerous features including manual overrides, auxiliary switches, 4-20ma modulating control, several voltage options including 1-phase 24/120V/220V - 12 and 24VDC. 3-phase 220v, 380v, and 440v. The units feature EPI-CYCLICAL gear trains and a unique manual override with handwheel.

All actuators are NEMA 4x and are designed for maximum cycle life due to our rugged motors and gear trains. The actuators are ideal for use on butterfly and louver dampers with the increased benefit of self-locking EPI-CYCLICAL gears, eliminating the need for unreliable solenoid brakes.