

AutoSet™ Split Core Current Switch

- Self-calibrating for proof of flow
- 2.5-135A range
- N.O. 30VAC/DC or 120VAC output
- Optional command relay



DESCRIPTION

The AutoSet™ line offers unparalleled installation ease for proof of flow status applications for constant volume motors and pumps. Sensor automatically adjusts to detect motor undercurrent conditions such as belt loss, coupling shear, and mechanical failure on fans and pumps. Eliminates the need to calibrate in energized enclosures while reducing installation time.

APPLICATIONS

- Detecting belt loss, coupling shear, and mechanical failure on fans and pumps
- Monitoring status of industrial processes
- Monitoring status of critical motors

FEATURES AND BENEFITS

Self calibration for proof of floor on fans and pumps

- Safer: Eliminates calibration in energized enclosures, reduces arc flash hazard
- No need to return to calibrate—saves time and money
- Sensor is always properly adjusted—no call backs
- Proprietary design dynamically adjusts, eliminating call backs due to air balancing
- Self learning--no time consuming training required
- Push-button and LED interface:
 - Slow blink = normal operation
 - Fast blink = alarm
 - Fast learn mode (optional): Press/hold button 1 second, LED makes 2 fast blinks.
 - Go/No mode (optional) : Press/hold button 5 seconds, LED makes 3 fast blinks.

Split-core with optional command relay

- Easy installation and provides stop/start/status in unitary device—saves component and installation space/cost

Maintenance-free—no call backs

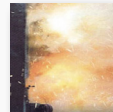


7 year limited warranty

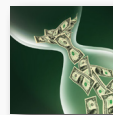
Save time and money by eliminating hazardous calibration energized enclosures



No hazardous guesswork. Multi-turn adjustments are a thing of the past; no time consuming "training!"

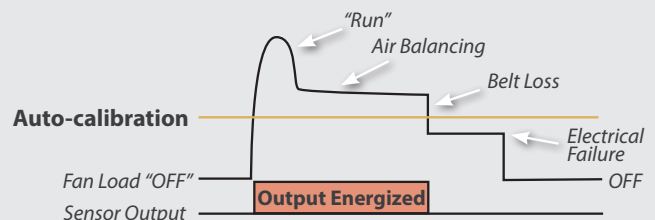


Reduce the risk of arc flash as sensor adjusts set-point automatically



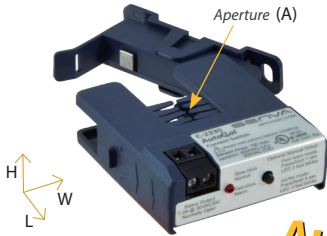
Save up to 1/2 hour per sensor install (based on field productivity tests.)

SET-POINT OPERATION



Positive proof of flow for constant volume fans and pumps

SPLIT CORE C-2330



L: 2.5" H: .57" W: 2.23"
A: 0.75" x 0.75"

- Mount sensor without removing conductor for installation savings
- Clamp on conductor with iris, or use detachable base to screw or DIN mount
- Larger 0.75" aperture accommodates oversize conductors

OPTIONAL RELAY



L: 0.84" H: .72" W: 2.06"

- Add to 2330 series to get start/stop/status in a single device
- Reduces the number of installed components; saves time and space
- Removable relay facilitates service

Next time, I'm using Senva.



OSHA requires protection when working in energized enclosures; just use Senva never calibrate live again!

ORDERING INFORMATION

SPLIT CORE	Min (on)	Max A	N.O. Output*	Sensor Power
C-2330	2.5A	135A	1.0A@30VAC/DC	Induced
C-2330HV	2.5A	135A	0.2A@120VAC	Induced

COMMAND RELAY

Contact rating

Coil

CR3-24	N.O. 10A @ 125VAC	24VAC/DC 15mA nom.
CR4-24	N.C. 10A @ 125VAC	24VAC/DC 15mA nom.
CR3-12	N.O. 10A @ 125VAC	9-12VDC 30mA nom.
CR4-12	N.C. 10A @ 125VAC	9-12VDC 30mA nom.

SPECIFICATIONS

Standard Output Rating 1.0A@30VAC/DC

Line Voltage Output Rating 0.2A@120VAC (-HV MODEL ONLY)

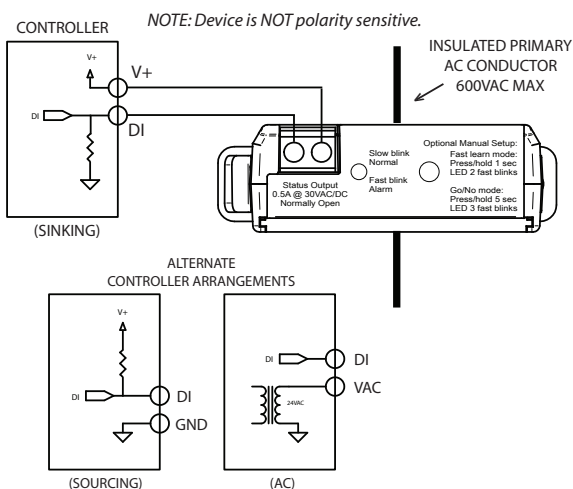
Output Type NO, solid-state FET

Temperature Rating -15-60 °C

Insulation Class 600V RMS. For use on insulated conductors only! Use minimum 75 °C insulated conductor

Frequency Range 50/60Hz

TYPICAL WIRING



Warning: Refer to installation instructions that accompany product and heed all safety instructions. Do not rely on current status LED to indicate presence of power.