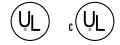


Fixed Setpoint Current Switches

- Go/no status
- 0.25-200A range
- Split and solid core models
- N.O. 30VAC/DC or 120VAC output
- Optional command relay



DESCRIPTION

Fixed threshold trip point detects the presence of current above low trip point to provide cost-effective status monitoring unit vents, exhaust fans, recirculation pumps, and other fixed loads where belt loss is not a concern.

APPLICATIONS

- Monitoring on/off status of electrical loads
- Monitoring direct-drive units, exhaust fans, and other fixed loads
- Verifying lighting run times

FEATURES

Ideal for ECM motors

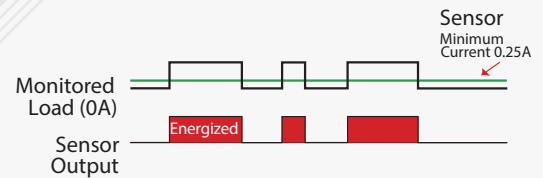
- Trip point operation is tuned to prevent false trips when used with electronically commutated motors

Reliable and cost-effective

- Solid-state—no moving parts to fail
- Less expensive than 277V relays for lighting status
- More reliable for status than relays across auxiliary contacts
- Industry leading 7 year limited warranty

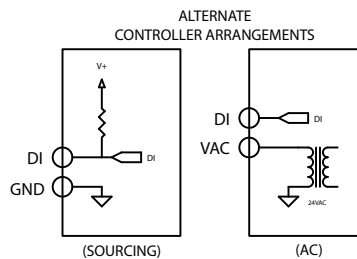
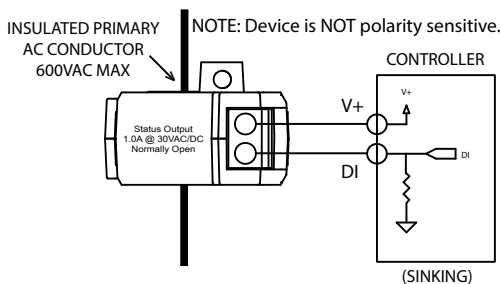


Run status based on current

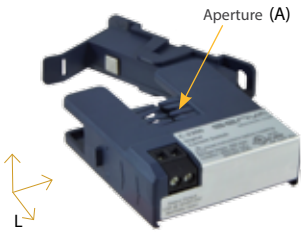


The go/no series output changes state whenever current above the minimum turn-on is present. This provides "go/no" status on loads that are not subject to mechanical failures.

TYPICAL WIRING



SPLIT CORE C-2300



L: 2.5" H: 0.57" 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 oversized conductors

OPTIONAL RELAY



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

- Add to 2300 series to get start/stop/status in a single device
- Reduces the number of installed components... saves time and space
- Removable relay facilitates service

SPLIT CORE - MINI C-2200



L: 2.02" H: .76" W: 1.62"
A: .042"x. 0.35"

- Mount sensor without removing conductor for installation savings
- Fits in small enclosures
- Clamp on conductor with iris, or screw mount detachable base

SOLID CORE C-1300



L: 2.26" H: .97" W: 1.6"
A: 0.51" diameter

- Compact design
- Aperture accommodates spade terminals

SOLID CORE - MINI C-1200



L: 1.91" H: .88" W: 1.31"
A: 0.23" diameter

- Super small—fits anywhere
- Low cost



Detailed dimensions, see page 22
CAD drawings see www.senvainc.com/cad

ORDERING INFORMATION

SPLIT CORE	Min (on)	Max A	N.O. Output*
C-2300	0.5A	200A	1.0A@30VAC/DC
C-2300HV	0.5A	100A	0.2A@120VAC

SPLIT CORE - MINI	Min (on)	Max A	N.O. Output*
C-2200	0.35A	50A	1.0A@30VAC/DC

SOLID CORE	Min (on)	Max A	N.O. Output*
C-1300	0.25A	50A	1.0A@30VAC/DC

SOLID CORE - MINI	Min (on)	Max A	N.O. Output*
C-1200	0.25A	50A	1.0A@30VAC/DC
C-1200HV	0.25A	50A	0.2A@120VAC

COMMAND RELAY	Contact rating	Coil
CR3-24	N.O. 10(5)@250VAC	24VAC/DC, 10mA
CR4-24	N.C. 10(5)@250VAC	24VAC/DC, 10mA
CR3-12	N.O. 10(5)@250VAC	12VDC, 25mA
CR4-12	N.C. 10(5)@250VAC	12VDC, 25mA

SPECIFICATIONS

Standard Output Rating	1.0A@30VAC/DC
Line Voltage Output Rating	0.2A@120VAC (-HV MODELS 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
Sensor Power	Induced
Frequency Range	50/60Hz



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.