

# Go/No 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

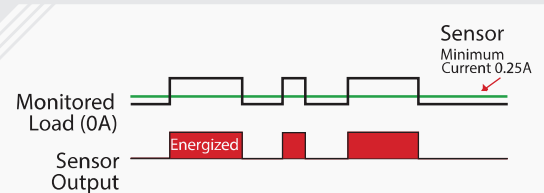
### Reliable and cost-effective

- 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



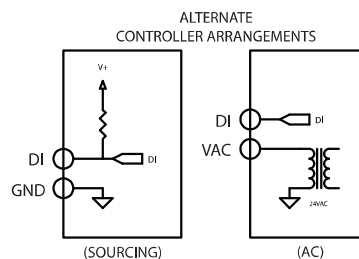
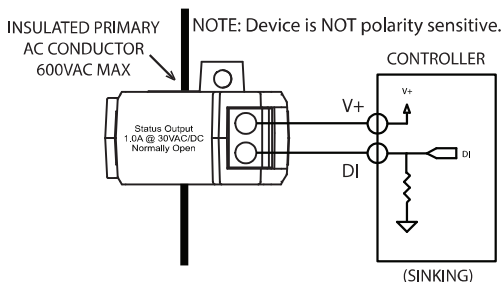
7 year limited warranty

### Run status based on current



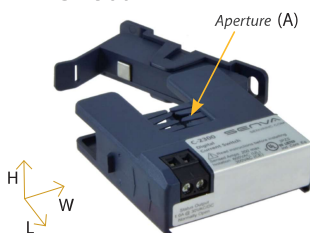
The go/no series output changes state whenever current above the minimum turn-on is present. This provides "go/no" status on loads that are not subject to mechanical failures.

## TYPICAL WIRING



**Warning:** Refer to installation instructions that accompany product and heed all safety instructions.

## 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 oversize conductors

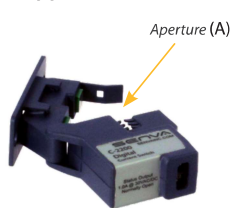
## OPTIONAL RELAY



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: 2.00" H: .75" W: 1.75"  
A: .0.40"x 0.32"

- 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: 2.27" H: 1.04" W: 1.6"  
A: 0.52" diameter

- Compact design
- Aperture accommodates spade terminals

## SOLID CORE - MINI C-1200



L: 1.78" H: .88" W: 1.31"  
A: 0.30" diameter

- Super small—fits anywhere
- Low cost

## ORDERING INFORMATION

| SPLIT CORE        | Min (on) | Max A | N.O. Output   |
|-------------------|----------|-------|---------------|
| C-2300            | 0.35A    | 200A  | 1.0A@30VAC/DC |
| C-2300HV          | 0.35A    | 100A  | 0.2A@120VAC   |
| SPLIT CORE - MINI |          |       |               |
| C-2200            | 0.5A     | 50A   | 1.0A@30VAC/DC |
| SOLID CORE        |          |       |               |
| C-1300            | 0.25A    | 50A   | 1.0A@30VAC/DC |
| SOLID CORE - MINI |          |       |               |
| 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. 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 MODELS ONLY)   |
| Output Type                | NO, solid-state FET   |
| Temperature Rating         | -15-60 ° C  |
| Insulation Class           | 600V RMS. For use on insulated conductors only!<br>Use minimum 75 ° C insulated conductor |
| Sensor Power               | Induced   |
| Frequency Range            | 50/60Hz   |