

C-2350 VFD Split-Core

Auto Calibrating VFD Series

0.5-135A Ranges | Self Calibrating
Command Relay Optional

VFD PROOF OF FLOW!



2350



2350L

C-2350L for small VFDs to 0.5A!

Self calibrating for variable frequency drives...no costly "forced" learning!

Microprocessor automatically sets the proper threshold--no false alarms with varying frequencies

- Works without costly "training" of sensor--our sensors are just plain smarter!
- No need to open hot starter enclosures--save on labor as well as improve safety
- Improved performance--sensor is always properly adjusted--no call backs!
- Pushbutton for manual calibration or change of operation mode to go/no
- Automatically adjusts to air balancing without false alarms

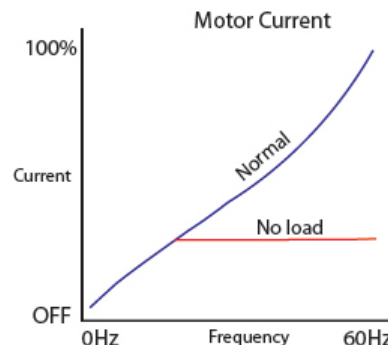
Command relay option for start/stop!

- Add a command relay to start and stop the monitored motor with a single device
- Installation savings--get two devices installed for the price of one
- Removable relay facilitates service and lowers replacement cost

Cost-effective

- Reduced labor cost compared to differential pressure switches
- Maintenance-free--no call backs
- Split-core is ideal for retrofit and new construction applications
- Easy to wire--polarity insensitive output eliminates wiring errors
- Industry leading 7 year warranty

Automatic calibration for VFDs and standard starters



The C-2350 utilizes a proprietary sensing algorithm to detect belt loss on motors operated by variable frequency drives.

Operation requires variable frequency drive to increase frequency to a minimum of 50Hz when load is lost--this typically results in static fan applications. Unit alarms at 50hz or more when current falls per algorithm as drive responds to falling media sensor inputs (e.g. decrease in static pressure)



SPECIFICATIONS

Sensor only	C-2350	C-2350L	C-2350HV
Amperage Range	3.5A (on)-100A	0.5A (on)-15A	3.5A (on)-100A
Sensor Output Rating	1.0A@30VAC/DC	1.0A@30VAC/DC	0.2A@120VAC
Sensor Power	Induced	12 to 30VAC/ 24VAC	Induced
Temperature Rating		-15-60 ° C	
Sensor Output Type		NO, solid-state FET	
Insulation Class	600V RMS. For use on insulated conductors only! Use minimum 75 ° C insulated conductor		
Frequency Range	5-60hz; proof of flow loss alarm at 50hz+		
Dimensions (LxWxH)	2.75" x 2.57" x 0.82" (1.49" H with optional command relay)		
Sensor Aperture	0.75"		

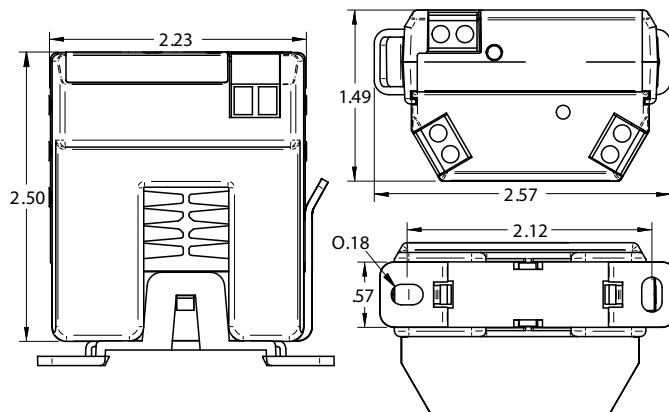
Command Relay	Output rating	Input power
CR3-24	N.O. 10(5)@250VAC	24VAC/DC 10mA
CR4-24	N.C. 10(5)@250VAC	24VAC/DC 10mA
CR3-12	N.O. 10(5)@250VAC	12VDC/DC 25mA

Next time, I'm using Senva.

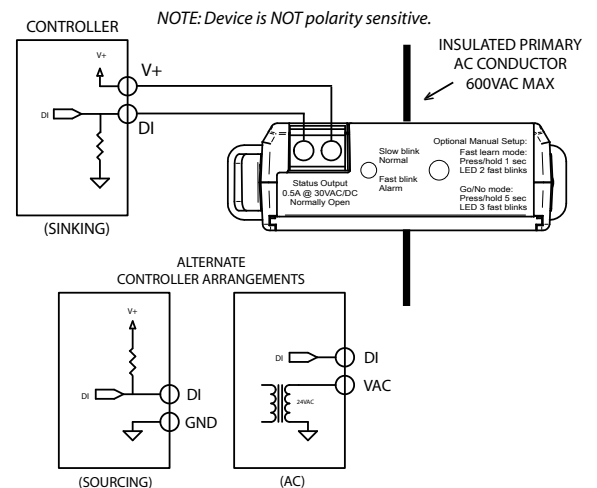


OSHA requires protection when working in energized enclosures--just use Senva and never calibrate live again!

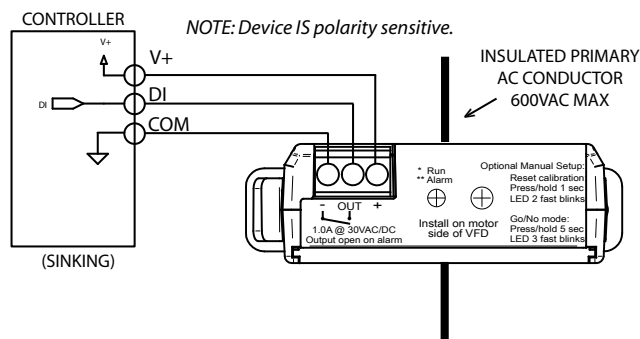
DIMENSIONS for C-2350 Autoset with Relay



WIRING for C-2350 VFD AutoSet with Relay



New 3-wire version for super small VFD App



Shown with optional command relay for start/stop/status

We also know motors and VFDs. Low frequency and low amperage status monitoring is possible thanks to our three-wire version.

