INSTALLATION INSTRUCTIONS

CR4-12V
Relay Module, 1 x N.C.
Fits C23xx series



DANGER

Failure to follow these instructions will result in death or serious injury.

Hazard of electrical shock, explosion, and arc flash

- Follow ALL requirements in NFPA 70E for safe work practices and for Personal Protective Equipment (USA) and other applicable local codes when installing this product
- Only qualified electrical personnel should install this product.
- Read, understand, and follow all instructions thoroughly
- Install only on insulated conductors
- Lock out and tag out all power sources prior to installation. Use properly rated voltage sensing instrument to determine no voltage is present

WARNING

Failure to follow these instructions could result in death or serious injury.

Automated equipment may start without warnng

- Equipment monitored/operated by this device may start without warning. Keep clear of apparatus at all times

IMPORTANT WARNINGS

- Only qualified trade installers should install this product
- This product is not intended for life-safety applications
- Do not install in hazardous or classified locations
- The installer is responsible for all applicable codes
- This product must be installed in a suitable electrical enclosure

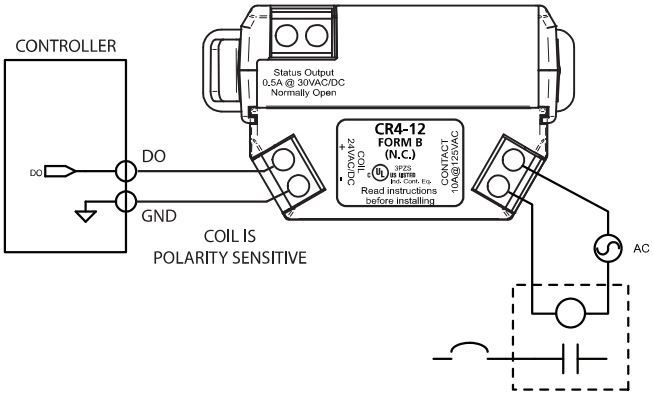
PRODUCT APPLICATION LIMITATION:
Senva products are not designed for life or safety applications. Senva products are not intended for use in critical applications such as nuclear facilities, human implantable device or life support. Senva is not liable, in whole or in part, for any claims or damages arising from such uses.

INSTALLATION

Disconnect, lock out and tag out all power supplies during installation

1. Slide relay module onto any C23xx series mini split-core sensor.
2. Wire relay module to control panel and to motor starter.
3. Observe polarity of relay coil terminals. Tighten terminals to 3.5 in-lb.

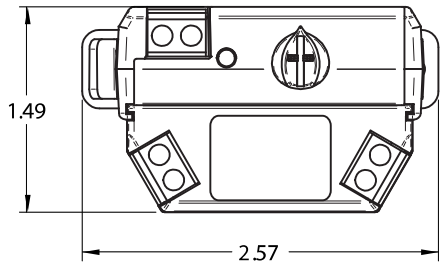
WIRING EXAMPLES



OPERATION

The CR4 command relay module slides onto any C23xx series sensor, providing a convenient means of controlling line-voltage devices such as motor starters from low-voltage control signals.

DIMENSIONS



Troubleshooting

Symptom	Causes	Remedy
Relay not energized	Coil wiring incorrect	Check polarity
	Coil voltage too low	Check coil voltage

Maximum surrounding air ambient, 60 ° C.

For use in Pollution Degree 2 Environment.

Part Number	CR4-12	CR4-24
Coil	9-12VDC, 30mA nom.	24VAC/DC, 15mA nom.
Contact Arrangement	N.C. (1 form B)	
Contact Rating	10A@125VAC (UL C300 RATED)	
Temperature Rating	-15~60 ° C	
Dimensions (LxWxH)	2.94" x 2.23" x 0.82" (1.4" H with optional relay module)	