



Overhead Fault Indication Made Easy with S.T.A.R.™ Programmable Delayed Reset Overhead Type Faulted Circuit Indicators (FCI)

Cooper Power Systems S.T.A.R.™ — **S**uperior, **T**ough **A**nd **R**eliable — faulted circuit indicators provide reliable fault indication, reduce inventory needs, and improve system reliability.

Easy, Flexible Programming Perfect for any Overhead Application

S.T.A.R.™ Delayed Reset Overhead (SDOH) faulted circuit indicators (FCI) are designed to quickly and easily locate faults on bare overhead cable systems. The FCI is designed as a “one size fits all” device for ease of application and stocking. The SDOH is capable of self-adjusting trip rating based on average load current and easily programmable to any one of four delay reset times.

This unit is fully electronic, powered by a long life, Lithium Ion battery that provides the power to indicate the faulted conditions via dual high intensity LEDs. A patented clamping

mechanism makes it a “snap” to install on a wide range of cable diameters. Installation can be achieved with a single hotstick.

- **Superior Value:** Reliable fault indication with the newest industry technology
- **Reduces Inventory:** Self adjusting trip technology and programmable reset allows one model to adapt to variety of electrical systems and desired reset times
- **Improves System Reliability:** Shorter outage time means happier customers and lower standard outage indices

Field Programming is as Easy as One, Two, Three*



1. Touch SMRT Reset Tool to side of unit



2. Swipe



3. Lights will blink to confirm choice

* See document S320-95-1 for complete instructions

S.T.A.R.™ Programmable Delayed Reset Overhead Type FCI

One Size Fits All: Reduce inventory with programmable reset time and self-adjusting trip features

Programmable Reset Time

- Field programmable with SMRT Reset Tool, no need to specify reset time when ordering
- Can be programmed for 2, 4, 8, or 24 hour automatic reset
- Manual reset also available

Programming Sensor

Temporary Fault Programming

- Eliminate costly and time consuming fault chasing methods
- Can be programmed for temporary fault detection
- Ideally suited for locations where intermittent faults cause recloser operation
- Minimum trip value 175 A

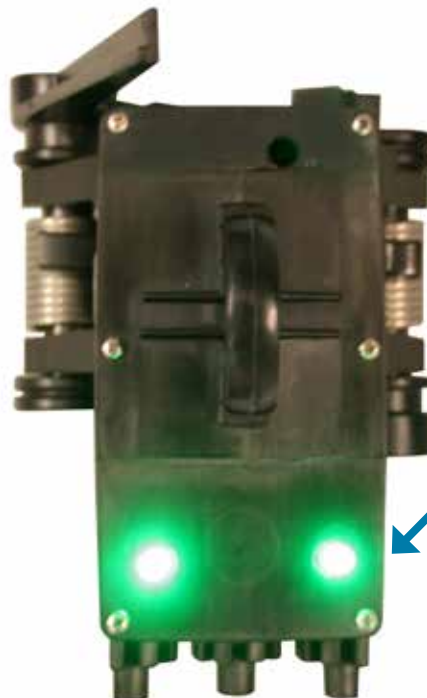
Lithium Ion Battery

- Ten year minimum shelf life with 500 hour minimum flash time
- Power for 125 faults at four hour automatic reset



Line Clamping Mechanism

- Patented conductor clamping mechanism makes installation with hotstick quick and easy
- Can be adjusted to fit on bare conductors ranging from 0.25 through 2.0 inches



Self-Adjusting Trip

- Automatically adjusts trip value based on average load current
- Minimum trip value 175 A
- Maximum trip value 800 A

LEDs

- Two high-intensity LEDs provide 360 degree visibility
- Provides visual indication that FCI is set and ready for operation
- Blinking green LEDs indicate temporary fault
- Blinking yellow LEDs provide low battery indication
- Blinking red LEDs indicate permanent fault

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