ECMset Pro

ECM Current Switch with ECTune™ Technology



Adjustable trip-point as low as 30mA (0.03 amps!)

Eliminate costly call-backs from false status due to stand-by current

Tool-free trip-point adjustment, save time with fast installation

DESCRIPTION

The C-2220-L ECMSet Pro has the industry's lowest turn-on point at 30mA (0.03A!). This minimizes the need for frustrating wire wraps, usually in tight spaces or where there is insufficient wire. With the extremely low turn-on point, it reduces callbacks for false status', reducing the time spent troubleshooting. No tools are needed to adjust the turn-on point, and the red/green LED provides local indication. Reduce installation time and eliminate service call-backs with the ECMSet Pro.

APPLICATIONS

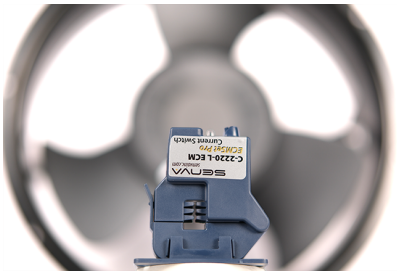
- Go/no run detection for EC motors.
- High setpoint resolution prevents false trips due to EC motor stand-by current.
- Fans, pumps, and other loads driven by EC motors
- Small load go/no detection, even non-ECMs



Tool-free adjustment with LED indication makes installation fast and easy



Low turn-on current eliminates the need for bulky wire wraps



Works flawlessly - accurate motor state detection with a sensitivity of 5 mA



Eliminate costly call-backs with the ECMSet Pro



Lettered dial (A-K) can be pre-adjusted and calibrated for repeat installations



Made in the USA with a 7-Year Warranty

FEATURES

- **No more wire wraps** : The industry's lowest turn-on (down to 30 mA), thanks to ECTune technology (read more!)
- **No troubleshooting or callbacks:** Resolution down to 5 mA eliminates false "ON" or "OFF" indications
- **Fast and safe installation** : No-tools-required adjustment knob is linearly calibrated, providing the user ability to fine-tune without the hassle of multi-turn dials.
- **Immediate feedback** : Local LED indicators provide immediate feedback on motor status
- **No need to calibrate the same motor twice:** It is strategically marked with a lettered dial so the sensor can be pre-adjusted and installed without any live calibration. (read more!)
- **Reduced maintenance costs:** The precise detection of motor status and reduced false alarms, saving time and reducing operational costs.

ORDERING

SPLIT CORE	Min (on)	Max Amps	N.O. Output*	LED Indicator
C-2220-L-ECM	0.03A	50A	1.0A@30VAC/DC	•

DIMENSIONS



SPLIT CORE - MINI
C-2220-L-ECM

L: 2.02" **H:** 0.76" **W:** 1.62"
A: 0.42" 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

Warning: The datasheet is designed for reference only. Refer to installation instructions that accompany the product and heed all safety instructions. Product improvement is a continuing process at Senva. Changes may occur to products without prior notice.

SPECIFICATIONS

Type	Split-Core Current Switch
Amperage Range	0 A to 50 A
Trip Adjustment	0.03 A~0.50 A (varies by motor type)
Dial Adjustment	240 degrees, no tools required
Output Type	NO, solid-state FET
Contact "On" Resistance	< 10 ω
Contact "Off" Resistance	>1M ω
Response Time	<3s
Hysteresis	2-6%
Standard Output Rating	1.0A@30VAC/DC
Power/Status LED	Power (red), Contact closed (green)
Environmental Rating	5-140 °F (-15-60 °C) 10-90% RH Non-condensing
Insulation Class	600V RMS. For use on insulated conductors only! Use minimum 75°C insulated conductor
Power Sensor	Induced
Frequency Range	50/60Hz
Dimensions (LxWxH)	1.9" x 1.35" x 0.6" (2.0" x 1.6" x 0.6" with bracket)
Sensor Aperture	0.375"
Compliance	cUL, UL, CE, RoHS

** Product improvement is a continual process at Senva and product features and specification may change without prior notice. Refer to instructions that accompany the product for installation and wiring.*