

Features

Adjustable 0 -10 minute trip delay provides flexibility in applications.

Bicolor LED indicator light is green in normal conditions and red during trip conditions.

Adjustable trip level of 0-5A.

10A @ 240VAC general purpose relay switches loads on 115 and 240V applications.

Microcontroller based design provides better accuracy and higher reliability than analog designs.

470VA @ 600 VAC relay switches higher voltage loads on 480V systems.

Three choices of input voltage ranges provide the versatility needed to handle global applications.



MotorSaver
THREE-PHASE ELECTRIC
MOTOR PROTECTOR

Model CP-5

•
**Engineered
Protection**

•
**Microcontroller
Based**

**Protects 3-Phase
motors from:**

- Undercurrent conditions

Standard Features:

- UL and cUL listed
- 5 year warranty
- Made in USA
- Adjustable 0-5A trip level
- Adjustable 0-10 min trip delay
- Surface or DIN rail mountable

Model CP-5 is an undercurrent monitor designed to monitor one leg of a three phase system. It is commonly used as a tower monitor on center pivot irrigation systems to detect a stalled center pivot.

The CP-5 has both an adjustable trip level and an adjustable trip delay timer. When the current is sensed, the Model CP-5 activates its output relay, thus starting the motor/pump. When the current in the monitored power line falls below the user-selectable trip point, the output relay then goes through the trip delay timer before finally deactivating the relay.

MotorSaver®

SINGLE-PHASE ELECTRIC MOTOR PROTECTOR

Model CP-5

- Specifications
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- Operating Points
-
- Special Options

Specifications

Input Voltage115, 240, 480 VAC

Frequency50* or 60 Hz

Operating Points

- Trip Level0 - 5 Amps
- Trip Delay0 to 10 minutes
- Restart1.0 second

Output Relay (SPDT)

- Pilot Duty Contact Rating470 VA @ 600 VAC (480V unit)
480 VA @ 240 VAC (120 & 240V units)

Weight14 oz.

*Note: 50 Hz will increase all delay timers by 20%.

SymCom warrants its microcontroller based products against defects in material or workmanship for a period of five (5) years from the date of manufacture. All other products manufactured by SymCom shall be warranted against defects in material and workmanship for a period of two (2) years from the date of manufacture. For complete information on warranty, liability, terms, returns, and cancellations, please refer to the SymCom Terms and Conditions of Sale document.

