



# Pulse Control Module Converts 4 to 20 mA to Proportional Power Control

PCM4  
**\$120**



- ✓ Converts 4 to 20 mA Input from Temperature Controller or Computer to Time Proportional Output
- ✓ Mounts Directly on an OMEGA 3 to 32 Vdc Input SSR
- ✓ Supports Single or 3-Phase Operation
- ✓ 50 or 60 Hz Operation

The OMEGA® PCM series converter modules facilitate conversion of a 4 to 20 mA output to an on/off time proportioning output. The modules mount directly to the input terminals of an SSR. Screw terminals are provided on the converter of the 4 to 20 mA control signal. The SSR's power section connects in standard fashion to the line and load.

The PCM module with a solid state relay provides a rectangular shape, time proportional (zero-fired) control signal to the load. Thus, the average power to the load is proportional to the 4 to 20 mA input signal.

## Specifications

**Analog Input Signal:** 4 to 20 mA<sub>dc</sub>

**Note:** Control signal cannot drop below 4 mA<sub>dc</sub> or improper operation may occur.

**Compliance Voltage Requirement:**

**Time Base:** 3 cycle resolution  
6.4 V<sub>dc</sub> (320 Ω @ 20mA)

**Ambient Temperature:**

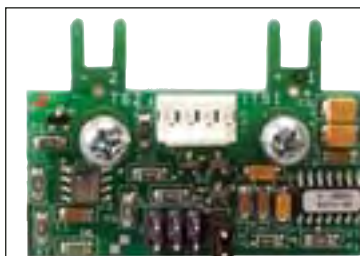
0 to 40°C (32 to 104°F)

**Dimensions:**

32 W x 45 L x 20 mmD  
(1.25 x 1.75 x 0.75")

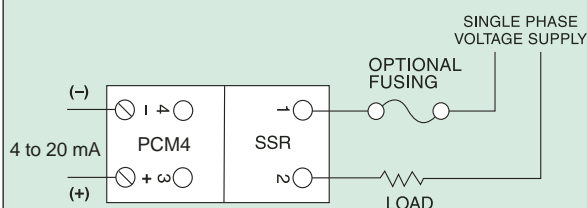


PCM4, \$120, shown larger than actual size mounted on SSRL240DC10, \$21 (see page P-125 for details).

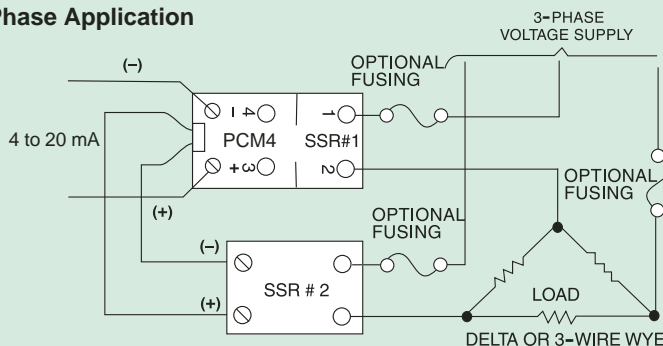


PCM4, \$120, shown actual size.

## Single-Phase Application



## 3-Phase Application



**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

| Model No. | Price | Description                                 |
|-----------|-------|---|
| PCM4      | \$120 | Pulse control module                        |
| MS-1784   | 49    | Reference Book: Good Tuning: A Pocket Guide |

Comes with operator's manual.

**Ordering Example:** PCM4, pulse control module that supports 1 or 2 SSR's, \$120

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