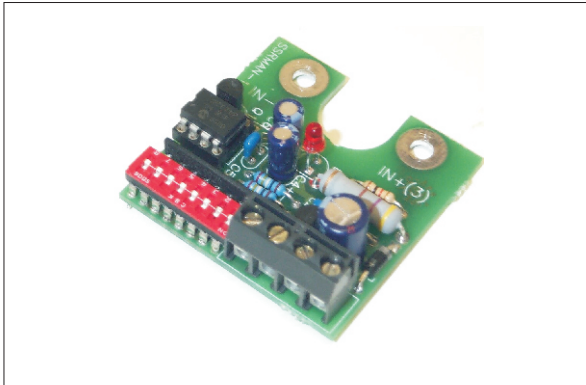


# Intelligent Burst Firing Module SSRMAN-1



- Configurable for 4 different cycle times
- Input accepts 4-20mA, 0-10V, 0-5V, 0-135 , Pot
- Drives multiple solid state relays (SSRs)
- Small module mounts on SSR input terminals
- Fits under finger-safe covers
- Low Cost
- Single phase and three phase control
- LED output indicator

## Product Description

The SSRMAN-1 mounts directly on the input connections of a SSR and provides 0-100% burst firing (time proportioning) based on the input signal. The SSRMAN-1 can be dipswitch configured for up to seven different industry command signals and four cycle times.

## Ordering Codes

**SSRMAN-1**

SSR Control Module

Single Pole, Burst Firing

## Input Specifications

|                                   |  |
|-----------------------------------|--|
| Power Supply                      | 24VAC +15%/-10%, 24VDC +30%/-5%, 65mA max                    |
| Command Inputs                    | 4-20mA, 0-20mA, 0-5V, 1-5V, 0-10V, 2-10V, 0-135Ohm, Pot, PWM |
| Command Input Impedance           | 10K (0-10V), 250 Ohms (4-20mA), 100K (0-5V)                  |
| 0-135Ohm Excitation Current       | 13mA   |
| External Potentiometer resistance | 10-25KOhm  |

## Output Specifications

|                             |   |
|-----------------------------|---|
| Control Output (24VAC PWR)  | SSR Drive, DC Pulse, nominally 8V @ 8mA   |
| Response Time               | 200mS (or cycle time value)               |
| Resolution                  | 0.5% (mA, pot, volts), 1% ( 0-135 Ohm)    |
| Linearity                   | 1.5% (mA, pot, volts), 5% ( 0-135 Ohm)    |
| Command Input Impedance     | 10K(0-10V), 250Ohms (4-20mA), 100K (0-5V) |
| 0-135Ohm Excitation Current | 13mA                                      |

## Output Specifications(cont.)

Power Limit Adjustment Range      5-100% of max. output power

## Thermal Specifications

Operating Temperature Range      0 to 70 degC

Storage Temperature Range      -40 to 100 degC

## Dip Switch Selections

| INPUT     | 1   | 2   | 3   | 6   | 7   |
|-----------|-----|-----|-----|-----|-----|
| 0-135 Ohm | ON  | OFF | OFF | ON  | OFF |
| 4-20 mA   | OFF | ON  | OFF | OFF | ON  |
| 0-10 V    | OFF | OFF | ON  | OFF | OFF |
| 0-5 V     | OFF | OFF | OFF | OFF | OFF |
| 2-10 V    | OFF | OFF | ON  | OFF | ON  |
| 1-5V      | OFF | OFF | OFF | OFF | ON  |
| 0-20mA    | OFF | ON  | OFF | OFF | OFF |

| CYCLE TIME | 4   | 5   |
|------------|-----|-----|
| 200 mS     | OFF | OFF |
| 1 S        | ON  | OFF |
| 10 S       | OFF | ON  |
| 100 S      | ON  | ON  |

## Dimensions / Wiring

