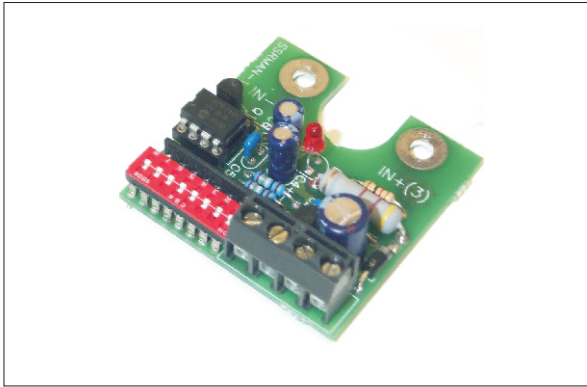


Intelligent Burst Firing Module SSRMAN-1



- **Configurable for 4 different cycle times**
- **Input accepts 4-20mA, 0-10V, 0-5V, 0-135 Ω, 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

SSR Control Module
Single Pole, Burst Firing

SSRMAN-1

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

