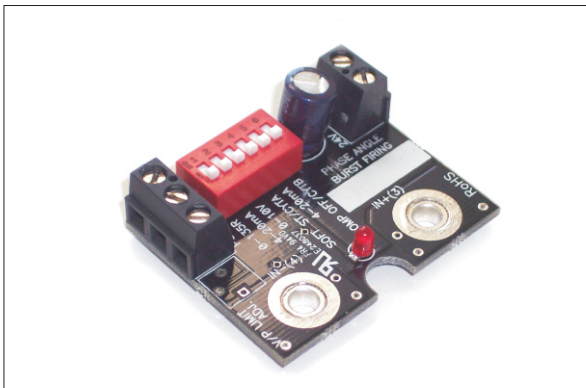


SSR TIME PROPORTIONING MODULE SSRMAN-1B



- **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**
- **Adjustable Power Limit (-PL) Option**
- **Single phase and three phase control**
- **LED output indicator**

Product Description

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

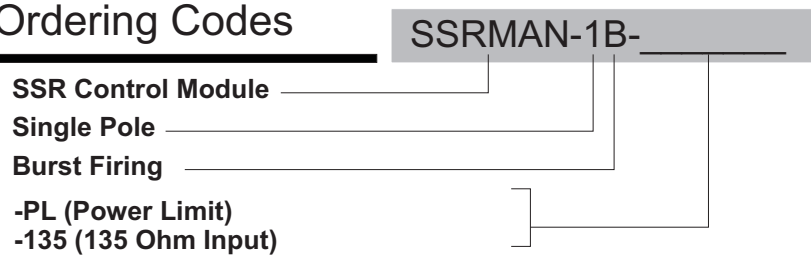
Input Specifications

Power Supply	24VAC +/-15%, 24VDC +30%/-10%, 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	1-25KOhm

Output Specifications

Control Output (24VAC PWR)	SSR Drive, DC Pulse, nominally 10V @ 15mA
Control Output (24VDC PWR)	SSR Drive, DC Pulse, nominally 10V @ 9.5mA
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

Ordering Codes



Output Specifications(cont.)

Power Limit Adjustment Range 10-100% of max. output power

Thermal Specifications

Operating Temperature Range 0 to 70 degC

Storage Temperature Range -40 to 100 degC

Dip Switch Selections

Command Input	1	2	3	5
0-5V (Default)	OFF	OFF	OFF	OFF
Potentiometer	OFF	OFF	OFF	OFF
0-10V	OFF	OFF	ON	OFF
4-20mA	OFF	ON	OFF	ON
1-5V	OFF	OFF	OFF	ON
2-10V	OFF	OFF	ON	ON
0-135Ω*	ON	OFF	OFF	OFF

Cycle Time	4	6
200mS	OFF	OFF
1 Second	OFF	ON
10 Seconds	ON	OFF
100 Seconds	ON	ON

Dimensions

