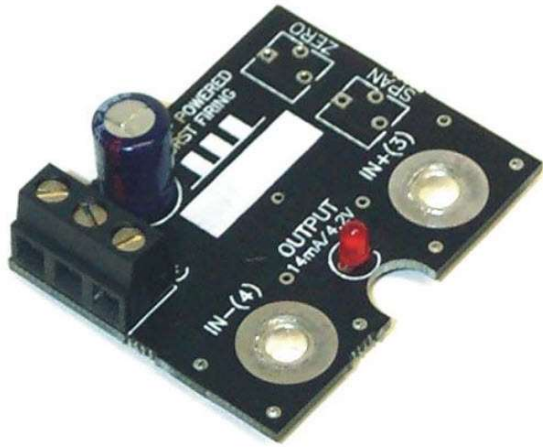


SSRMAN-1LP (TPLP) 4-20mA

Burst Fire / Time Proportioning Control Board

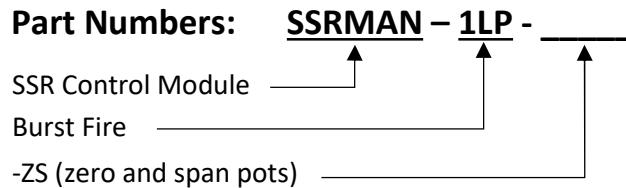


- Low-profile burst fire (time proportioning) control card suitable for most industry standard solid-state relays
- Loop powered – no external supply required
- Drops only 6.3V of total loop voltage
- Compatible in both single-phase and three-phase applications
- LED output indicator

Product Description:

The SSRMAN-1LP (TPLP) is used on a wide range of HBCcontrols TPLP series burst fire solid-state relay / heat sink assemblies and mounts directly to the input terminals of most industry-standard solid-state relays. The card provides a 0-100% proportional output (burst firing / time proportioning) based on the 4-20mA analog input signal provided.

Standard Part Number = SSRMAN-1LP (TPLP)



Input Specifications

Specification	Rating
Command Inputs	4-20mA
Input (current loop) Voltage Drop	6.3Vdc

Output Specifications

Specification	Rating
Control Output	4.2V @ 14mA, short-circuit protected, direct acting
Output Linearity	+/-2% of Full Scale (+/-1% with -ZS)
Cycle Time	350mS @ 50% output, greater at ends for optimal resolution
Zero Pot Adjustment	+/-2% of Full Scale
Span Pot Adjustment	+/-8% of Full Scale

SSRMAN-1LP (TPLP) 4-20mA Burst Fire / Time Proportioning Control Board

Thermal Specifications

Specification	Rating
Operating Temperature Range	0-70°C
Storage Temperature Range	-40-100°C

