

## FEATURES

- 24V AC operation
- Output can sink input's pull-up voltage
- Optional Zero & Span potentiometers
- Small size 1.10" by 2.19"
- Two mounting options

## APPLICATIONS

- Analog 0 to 5V DC & 0 to 10V DC scaling
- Rescale non - standard sensors
- Rescale non - standard voltages

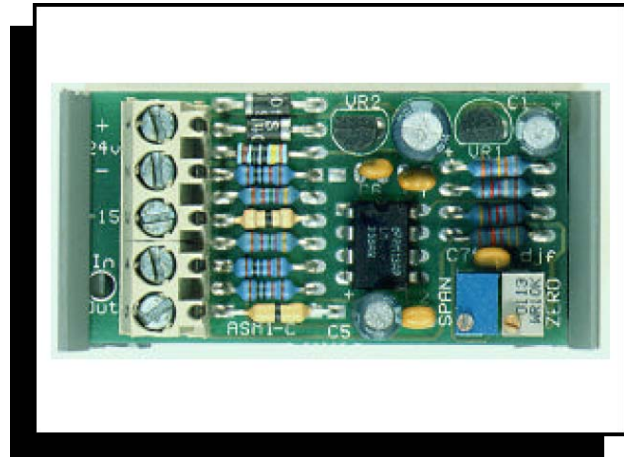
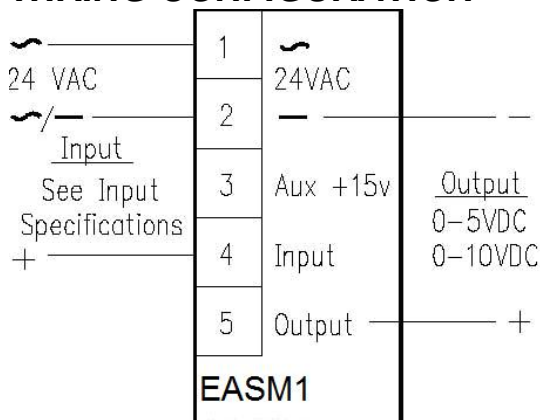
## DESCRIPTION

The EASM1 was designed as an analog signal scaling module to rescale control voltages or sensor signals to meet the input requirements of the various controllers. The EASM1 will also allow you to use existing sensors and scale the EASM1's output to match your controller's input requirement. The EASM1's output can sink the controller's input pull-up voltage on the application inputs. The EASM1 can be factory calibrated to your specific signal requirements. It can be snap - track mounted for panel use or be potted with detachable terminal block for field use.

## OPERATION

The EASM1 uses a half wave rectifier for 24V AC power input, with terminal 2 being common for the power supply, input common and output common. The input can be factory configured for voltage, current, or sensor signals either requiring a pull-up voltage or a load resistance. The signal then passes through two op-amp stages where it is scaled to the desired output signal.

## WIRING CONFIGURATION



## SPECIFICATIONS

SIZE:	1.10" L x 2.19" W x 0.75" H
MOUNTING:	2.187" RDI snap-track (supplied) or 2"L x 1"W Double sided foam tape
POWER:	24V AC, ±10%, 50/60Hz, 0.6VA
INPUT:	0 to 5V DC. 0 to 10V DC
INPUT IMPEDANCE:	≥ 100KΩ
ACTION:	Dir. with 2 Hz filtering.
OUTPUT:	0 to 5V DC -Standard 0 to 10V DC -Standard load 1kΩ minimum
ADJUSTMENTS:	ZERO & SPAN ± 20%
AMBIENT TEMP:	0 to 50° C.