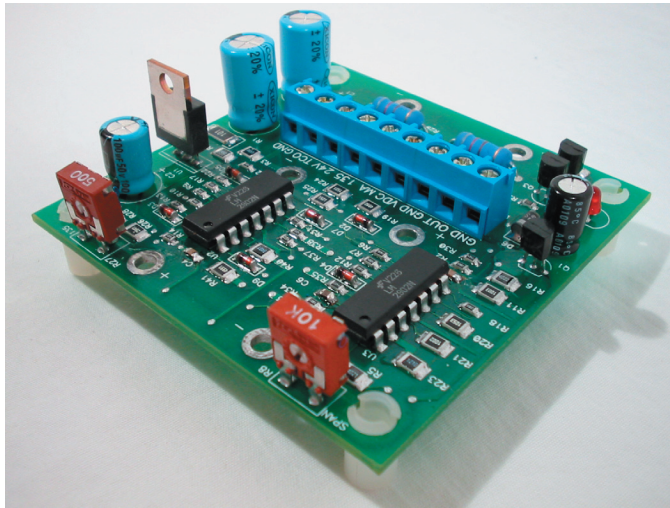


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Product Data

901-VmA Series Interface Logic



Specifications

901-Series Logic	
Inputs	
901-E(VmA)	2-10V DC, 4-20mA
Power	20-30V AC
Output	
Pulse Width Modulated	6.2V DC
Minimum Pulse Width	20ms
Indicator	LED
Ambient Max	75°C/167°F
Humidity	Non-condensing
Maximum SCR's @24V AC	8
Dimensions	3"Wx3"Lx0.8"H

Description

The 901-VmA Interface Logic accepts two inputs; 0-10 V DC, & 4-20mA.

The 901-VmA Logic output provides a DC volt Pulse Width Modulated signal to control the 905-S (Slave) input. When 905-M Series SCR Masters are used, the SCR is inclusive of the Interface Logic.

These Interfaces are required when an analog input is being provided by an external Thermostat, other controller, or an Energy Management System. This Interface is always required when the entire load is required to modulate from 0 to 100%. (Sequencing is not required)

Two types of mounting configurations are available. The 901-VmA Interface can be: 1) Factory installed "piggy back" on an SCR Slave, or installed on a 905-S (Slave) by the OEM before the assembly is mounted in a control panel. This configuration requires a "901 Mkit" whether installed at the factory or later by the OEM. 2) The Interface comes standard with "standoff's" for mounting the Interface remote from the SCR Slave in a control panel.

The Interface Logic is designed to drive up to eight (8) SCRs. This represents eight single phase, or four three phase Delta configured circuits. The Interface includes an LED indicator that can establish when the SCR is: 1) "off" (no indicator light), 2) "modulating" (pulsing light), & 3) "100% full on" (steady light). Each input has its own dedicated terminal for each of the signals. The "GND" is common for both the signal signal and 24 V AC. The "GND" may be electrically grounded if required by local codes.

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