



JOB KIT

INFORMATIVE BOOKLET

ACI'S JOB KIT

The following devices are standard products from ACI that you might not even be aware of, until you need them! A simple power supply might blow a fuse (see A/PS1.5), or you find out that the product you ordered has a 0 to 10 VDC output and the system actual has 4 to 20 mA inputs (see ARM). Maybe you just need to convert an analog signal to a relay output (see AAR). Other items included: transformer, command relay, current switch, thermistor, and a mounting plate.

Every one of the items included could help you out of a jam. More importantly, ACI has complete lines of products like interface devices that convert HVAC related signals to help you save time, equipment, and money. We also have the "ultimate job saver" in a full line of Wireless Sensors and Systems.

Beyond the realm of intriguing, problem-solving products, ACI prides itself in helping our customers through the entire selection process. We can provide knowledgeable technical support, before, during, and after the purchase of your products. This is why our company motto is "Engineering a Better Sensor Solution."

Please view these products as another way ACI "has your back" and keep us in mind when you might need any of these related products on an ongoing basis. ACI has been busy adding fresh new options in our product portfolio and we hope to prove their value to you in the future.

Best regards,

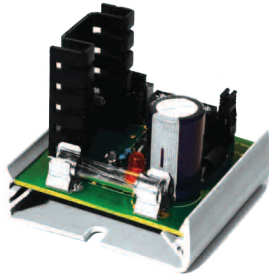
A handwritten signature in blue ink that reads "Troy A. Schwenn". The signature is fluid and cursive.

Troy A. Schwenn
President
Automation Components, Inc.



JOB KIT CHECK LIST

- Power Supply
- Command Relay
- Current Switch
- Analog to Relay
- Analog Rescaling Module
- A/CP-BP (Thermistor Probe)
- A/AN-BP (Thermistor Probe)
- A/20K-BP (Thermistor Probe)
- Thermowell
- Mounting Plate
- Static Pitot Tube
- 10 ft. Medical Grade Tubing
- Duct & Immersion Kit



POWER SUPPLY

A/PS1.5 (1.5 Amp)

The ACI A/PS1.5 adjustable power supply is a low cost, dependable external power supply. This unit will accept an input of up to 28 VAC or 35 VDC, and provides an adjustable 1.2 to 27 VDC output. They are jumper selectable between Half-Wave and Full-Wave and are factory set in the Half-Wave mode.



COMMAND RELAY

A/CR-24VAC-10 (10A @ 250 VAC)

The A/CR-24 VAC-10A brings control (start/stop) functionality to your load trending and fan/pump/motor status monitoring applications. Each unit has a Form 1C-SPDT relay which means you have both a N/O and a N/C contact in the same unit.



CURRENT SWITCH

A/MSCS (Below 0.55A Fixed Trip)

The A/MSCS current switches are ideal for providing status information on any type of AC current using equipment. Since these units have a split-core design, they make an excellent choice for existing installations because you will not have to power down the unit and disconnect any wires during the installation process.



ANALOG TO RELAY

AAR (Two SPDT Form "C")

The AAR is controlled by a single analog input signal with two potentiometers controlling each output relay. The two 10 amp output relays can be independently set to fixed or adjustable deadband. An onboard deadband selector can be set to Fixed or Adjustable. "Fixed", the relay will turn "ON" at the level set by the Low pot and will turn "OFF" at a fixed 3% of the input signal below the turn-on level.



ANALOG RESCALING

ARM (Current or Voltage signals)

The ARM is an analog re-scaling module which accepts an analog voltage or current signal and re-scales it to another voltage or current range. Several preset ranges are jumper selectable.



THERMISTOR PROBE

A/CP-BP, AN, 20, 1.8K (10K ohms @ 77°F)

The A/CP-BP is a multi-use configuration of the most common thermistor output in the Building Automation Industry. Probes can be used as a permanent, temporary or diagnostic sensor.



MOUNTING PLATE

A/MOUNTING PLATE

The A/MOUNTING PLATE allows the installation of a device on a wall that has a different orientation (horizontal/vertical) or size than the original cut out.



THERMOWELL

A/4" (Thermowells & Thermal Grease)

The ACI Thermowell Series comes in various lengths and materials. The standard material is 304 stainless steel which ensures long lasting reliability and stability. They are also offered in Monel which is ideal for marine, or salt water, applications.



MISC.

Miscellaneous Parts & Products

Duct & Immersion Kit, Pitot Tube, 10 ft. of Medical Grade Tubing, Foam Pad, Tie Mounts, Resistors, 20 mA Current Limiter.

ISO9001 CERTIFIED

ACI's certification ensures that our products and services will consistently exceed your expectations. ISO9001 certified companies have proven that our processes are consistent, efficient, and productive. Since 1991, our top priority has been to manufacture a high quality U.S.A. made & manufactured product for our customers; being recognized as ISO9001 certified serves as verification of this commitment.



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