



ACROBAT  
CONTROLS INC.

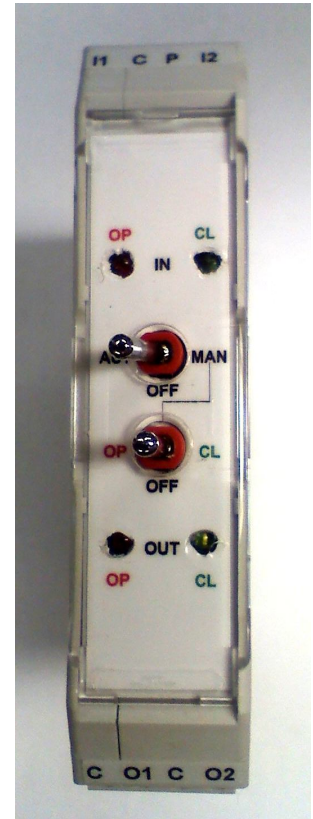
QUALITY-AGILITY-FLEXIBILITY

**Introducing:**

**A new method of interfacing from Acrobat Controls**

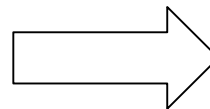
**Features:**

- **Universal 24VAC or 24VDC operating voltage:** for any process controller or PLC
- **Dual mode operation:** Easily changes from a two state (Open/Close or High/Low) interface, to a double Manual/Off/Automatic interface. No need to stock two parts!
- **DIN rail mounting:** install into any available space, in any panel, without the need for special mounting track normally seen with printed circuit boards.
- **Standard control panel wiring:** No special wire harnesses or cables are required. The terminals can easily handle nominal wire gauges normally found in a control panel.

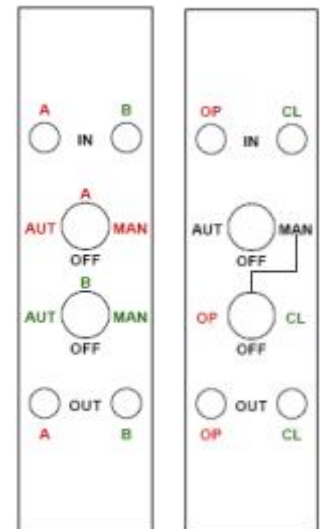
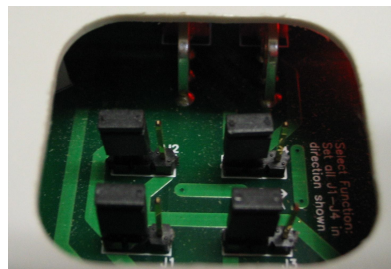
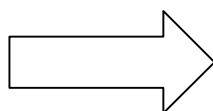


**Easy as 1-2-3!**

**Just change the operator plate on the front**



**Change the mode jumpers**



**And use the new function!**

# Specifications for Switch Module

## *Acrobat Controls Dual Mode Interfacing*

### General:

DIN rail mountable unit:

- Dimensions:
  - i) 22mm wide (0.875")
  - ii) 100mm length (3.95")
  - iii) 125mm height (4.92") includes toggle switches and standard DIN rail height

### Inputs available:

Signal 1, Common, 24V Power and Signal 2 connection terminals (**I1, C, P, I2** left to right)

24VAC

- 10mA current draw per input (20mA total)
- Voltage range 70-110%

24VDC

- 20mA current draw per input (40mA total)
- Voltage range 70-110%
- Positive(24V) or Negative (0V) switching

### Output:

24V Power Common, Output 1, Common and Output 2 connection terminals (**C, O1, C, O2** left to right, commons are internally connected)

- Varistor protected at 30V (must be fused at 4 Amps or less)
- Contact rating of relays: 8A
- Rating of traces and jumpers: 3A

### Switch & LED operation:

- Status of computer (or other input) with Input LEDs
- Status of output seen with toggle switch position and Output LEDs

### Mode Selection:

- Unit can switch to the following modes:
  - i) 2x manual/off/auto switches
  - ii) 1x manual/open/close/off switch
- Selection via on-board jumpers J1-J4 in access window
  - i) All jumpers shift right on pins 2 & 3 for on/off module
  - ii) All jumpers shift left on pins 1 & 2 for open/close module
- Includes operation faceplate for both modes

