



OUTPUT MODULE (IO/AX4.1S)

IO/AX4.1S FEATURES

- Sequence multiple 0-10V outputs from a single 0-10V input
- Output slope origins adjusted by $-/+1v$
- Adjustable output slew rates
- Auto output sequence change

The IO/AX4.1S is an analogue output module that is designed to convert 1 x 0-10 volt input signal to 2, 3 or 4 x 0-10 volt outputs operating in sequence.

The sequence can be set to auto change allowing equipment being controlled to get an even share of the run time.

The output slope origin can be adjusted by $-/+1v$ thus creating an overlap or deadband offset between the outputs.

There is also an adjustable slew rate timing (0-5 mins) common to each output which prevents short cycling and overshoot of the increasing outputs.

SPECIFICATION

Power Supply:	24V AC/DC +/-10%
Input Control:	1 x 0-10V
Output:	2, 3 or 4 x 0-10V (rated 5mA each)
Power Consumption:	25 mA max
Terminals:	1.0mm recommended 2.5mm max
Operating Temperature:	0 to 50°C
Operating Humidity:	5-80% non-condensing
Dimensions:	85mm high, 80mm wide, 45mm deep
Mounting:	DIN Rail
Country of Origin:	UK
Product Codes:	IO/AX4.1S



CONNECTIONS

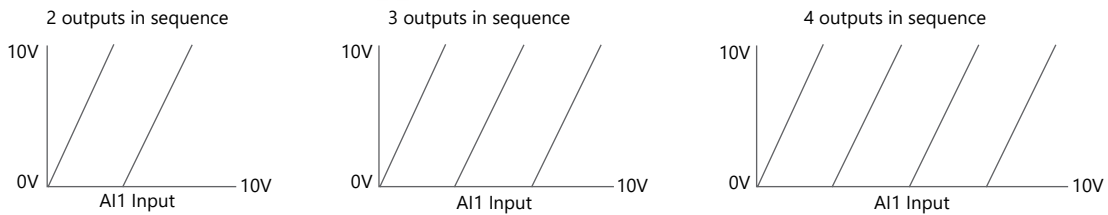
VR1 - Slew Rate time common to each output (0-5mins)

VR2 - Output slope origin to create overlap or dead band between outputs +/- 1v

DIL Switch Functions
 All OFF
 -Default to 2 Outputs (AO1 & AO2)
 -Slew Rate 10 Seconds
 -No Auto Sequence Change

1-ON = 3 Outputs in Sequence
 2-ON = 4 Outputs in Sequence
 3-ON = Slew Rate = 25% of VR1 setting
 4-ON = Slew Rate = 50% of VR1 setting
 5-ON = Auto Sequence Change
 6- Not used

Note: The sequence will automatically change if selected with switch 5 On when the input signal is at zero for 30 seconds or more.



Outputs can overlap by adjustment of VR2 0-2 volts

Wiring note: All 0-10V connections are common on the AX4 module

For further install and setup information please contact technical@titanproducts.com