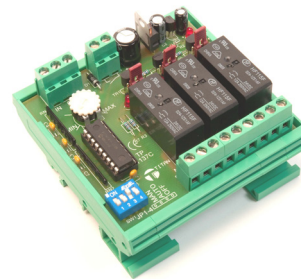


3 Stage Digital Output Module



The IO/DOM3 digital output module is microprocessor based and designed to provide sequence, step, heat/cool or binary control of 3 volt free relays from a 0-10V control signal.

In sequence or step mode the module incorporates an optional time delay setting 0-100 seconds to prevent short cycling and for soft start of switch ON after power failure. There is also an input to reverse the control output sequence.

Specification

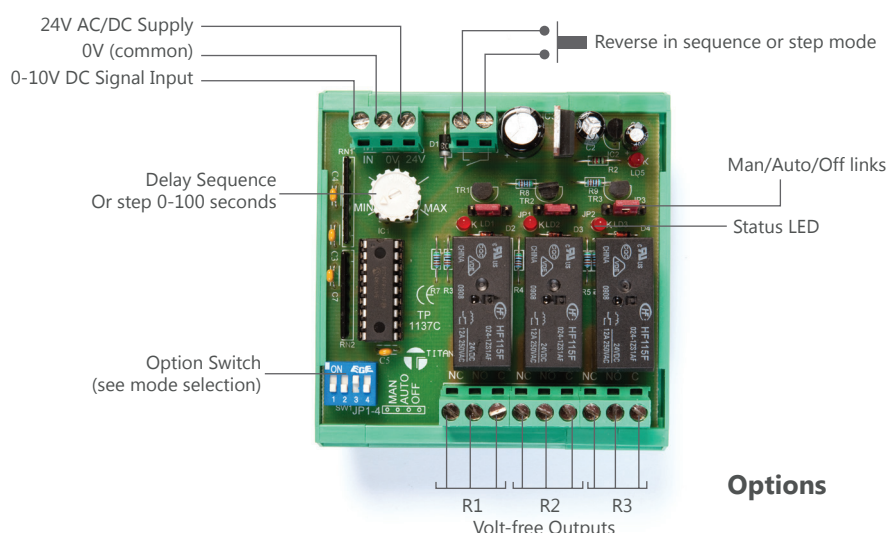
Power Supply:	24V AC/DC +/-10%
Input:	0-10V Control signal
Output:	3 x Volt free 5A @ 240V AC inductive
Power Consumption:	80 mA max
LED Indication:	Power ON and Relays energised
Selectable Options:	Manual / Auto / Off Time delay for sequence or step operation Reverse sequence operation or step operation
Mode Options:	See tables and options
Terminals:	1.0mm recommended 2.5mm max
Operating Temperature:	0 to 50°C
Operating Humidity:	5-80% non-condensing
Dimensions (mm):	82H x 80W x 50D
Mounting:	DIN Rail
Country of Origin:	UK
Product Code:	IO/DOM3

Mode Selection

SW	1	2	3	4
Sequence	Off	Off	Off	Off
Step	On	Off	Off	Off
Heat/Cool	Off	On	Off	Off
Binary	Off	Off	On	Off

Volts	Sequence			Step			Heat/Cool		
	R1/R3	R2/R3	R3/R1	R1	R2	R3	R1/R3	R2/R3	R3/R1
0V	Off	Off	Off	Off	Off	Off	Off	Off	Off
3.3V	On	Off	Off	On	Off	Off	On	On	Off
6.0V	On	On	Off	Off	On	Off	On	Off	Off
9.0V	On	On	On	Off	Off	On	On	Off	On

Connections



Options

DIGITAL OUTPUT BINARY COMBINATION								
Signal Volts	0	1.3	2.6	3.9	5.2	6.5	7.8	9.1
R1	Off	On	Off	On	Off	On	Off	On
R2	Off	Off	On	On	Off	Off	On	On
R3	Off	Off	Off	Off	On	On	On	On