

EasyIO FR-02

FLOATING CONTROL

The FR-02 is a relay module that can be DIN rail mounted. It allows 1 analog input from a controller to provide floating control via two built-in relays. The modes 1 or 2 are selected by a jumper on the FR-02. Relays are rated for 5 million cycles. The FR-02 includes 2 digital outputs.



SPECIFICATIONS

Power Supply	24V AC +/- 5% or 24V DC +15% / - 15%
Consumption	20VA at 24V AC or 15VA at 24V DC
Current Rating	< 900mA
Storage Temp	-20 to 85 oC (-4 to 185 oF)
Operating Temp	0 to 65 oC (32 to 150 oF)
Operating Humidity	10% to 90% Relative Humidity noncondensing
Dimensions	43 x 90 x 54 (mm), 1.7 x 3.6 x 2.1 (inches)
Material	UL Approved
Weight	100g / 3.6 oz
SKU	EasyIO-FR-02

Do not mount:

- In an area where excessive moisture, corrosive fumes or explosion vapors are present.
- Where excessive vibration or shocks are likely to occur.
- On a location with excessive electrical noise, such as large magnetic interference or variable speed drive modules.

Stage	Min Volt	Max Volt	Optimum Volt	DO 1 State	DO 2 State
1	0.00	1.00	0.00	OFF	OFF
2	1.10	5.00	3.00	ON	OFF
3	5.10	6.00	5.50	OFF	OFF
4	6.10	10.00	8.00	OFF	ON

Stage	Min Volt	Max Volt	Optimum Volt	DO 1 State	DO 2 State
1	0.00	2.50	2.00	OFF	OFF
2	2.60	5.00	3.50	ON	OFF
3	5.10	7.50	6.50	OFF	ON
4	7.60	10.00	8.50	ON	ON

