

## Specifications

8 Single pole, single throw, normally open, 10 ampere relay outputs

8 Opto-Isolated 3-24 volt, AC or DC, digital inputs

## Configuration

Up to 16 Relay Boards may be addressed by a Flashlite SBC. These boards must each be assigned a unique I/O address. This is accomplished by setting the position of the four jumpers on the jumper block labeled JP1.

The following table describes the correct jumper settings and the I/O base addresses for the 16 possible board numbers:

Board Number	I/O Address	Jumper 1	Jumper 2	Jumper 3	Jumper 4
0	3C0h	ON	ON	ON	ON
1	3C1h	ON	ON	ON	OFF
2	3C2h	ON	ON	OFF	ON
3	3C3h	ON	ON	OFF	OFF
4	3C4h	ON	OFF	ON	ON
5	3C5h	ON	OFF	ON	OFF
6	3C6h	ON	OFF	OFF	ON
7	3C7h	ON	OFF	OFF	OFF
8	3C8h	OFF	ON	ON	ON
9	3C9h	OFF	ON	ON	OFF
10	3CAh	OFF	ON	OFF	ON
11	3CBh	OFF	ON	OFF	OFF
12	3CCh	OFF	OFF	ON	ON
13	3CDh	OFF	OFF	ON	OFF
14	3CEh	OFF	OFF	OFF	ON
15	3CFh	OFF	OFF	OFF	OFF

***Installation***

Connect the 40 pin connector J2 to J1 on the Flashlite SBC. Mount the Relay board above or below the Flashlite using 7/8" stackable standoffs. Connect the relay outputs and the opto-isolated inputs according to the following chart:

<b>I/O Port Bit Position</b>	<b>J1-Relay No.</b>	<b>J3-Input No.</b>
0	1	1
1	2	2
2	3	3
3	4	4
4	5	5
5	6	6
6	7	7
7	8	8

***Precautions***

The relay circuits are not approved for 110 volt A/C line service. The printed circuit traces do not meet UL standards for minimum separation.

The relay contacts are rated for 10 amperes. Due to printed circuit trace width limitations, we recommend a maximum continuous rating of 5 amperes.

It is the customer's responsibility to determine the ultimate safety and acceptability of our products.