



SC-ISOSLICE-5

8 Reconfigurable Digital Input SC-ISOSLICE Unit

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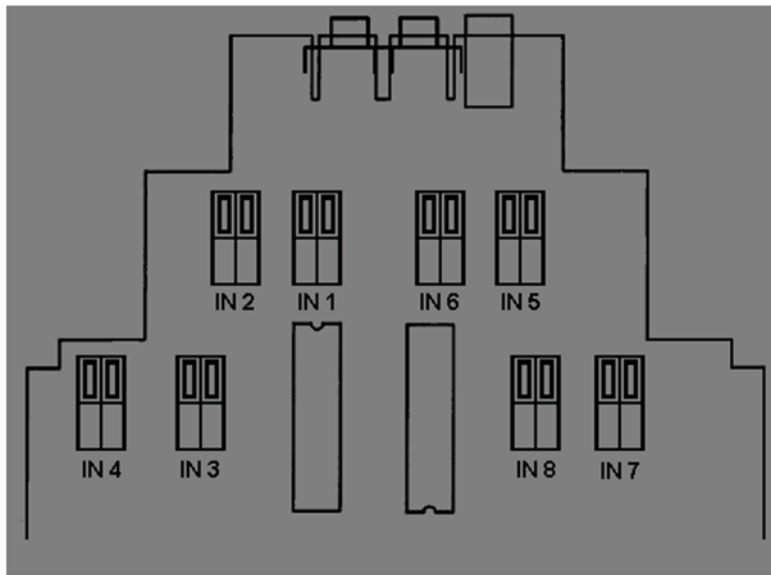
SC-ISOSLICE-5

This SC-ISOSLICE unit has 8 digital inputs.

The inputs can be configured to work in two different ways, depending on the position of the links inside. It is possible to have some inputs configured as volt free contacts and the others configured as +24Vdc inputs.

Volt Free Contact

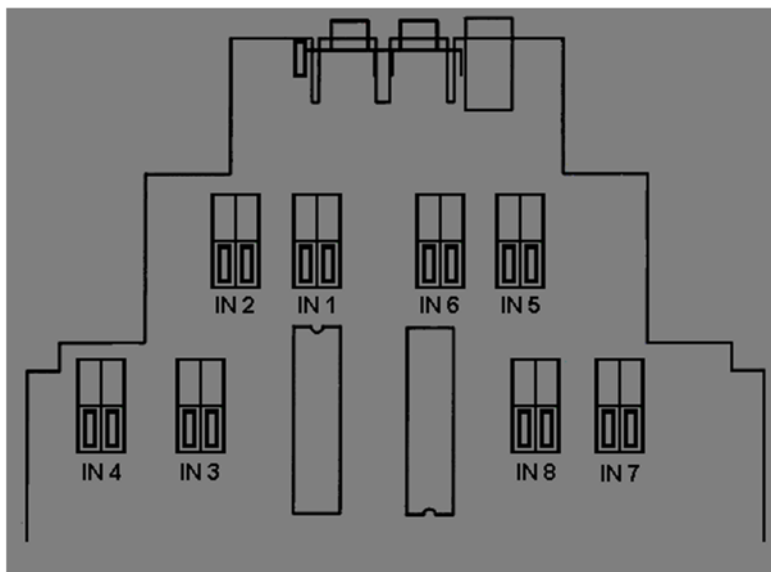
The Input terminal must be connected to the Common terminal to switch the input “ON”. The input links must be fitted in the higher positions like this:



+24Vdc Input

+24Vdc must be connected to the Input terminal, with the corresponding Ground to the Common terminal, to switch the input “ON”.

The input links must be fitted in the lower positions like this:



It is possible to have some inputs configured as volt free contacts and the others configured as +24Vdc inputs.

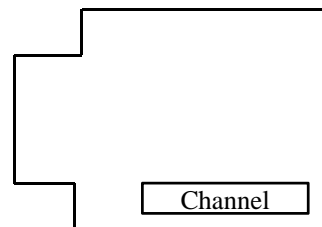
The logic can be reversed if switch 1 of S1 is on, so the inputs are “OFF” instead of “ON” when the circuits are completed as described earlier.

It is important that links are fitted in pairs as shown above to avoid the possibility of shorting +24Vdc directly to ground.

Channel Number

The channel number is set up using the 12 way dipswitch.
If all switches are off, channel number is 1 (invalid):

Address Switches	Action
8	add 1
7	add 2
6	add 4
5	add 8
4	add 16
3	add 32
2	add 64



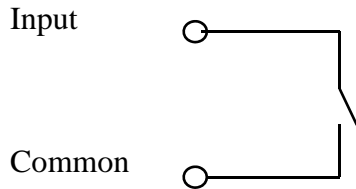
Channel	Switches	Channel	Switches	1 = On, 0 = Off
	2 3 4 5 6 7 8		2 3 4 5 6 7 8	
1	0 0 0 0 0 0 0	9	0 0 0 1 0 0 0	
2	0 0 0 0 0 0 1	10	0 0 0 1 0 0 1	
3	0 0 0 0 0 1 0	11	0 0 0 1 0 1 0	
4	0 0 0 0 0 1 1	12	0 0 0 1 0 1 1	
5	0 0 0 0 1 0 0	13	0 0 0 1 1 0 0	
6	0 0 0 0 1 0 1	14	0 0 0 1 1 0 1	
7	0 0 0 0 1 1 0	15	0 0 0 1 1 1 0	
8	0 0 0 0 1 1 1	16	0 0 0 1 1 1 1	

Switch 1 can be used to reverse the on/off logic of all 8 inputs.

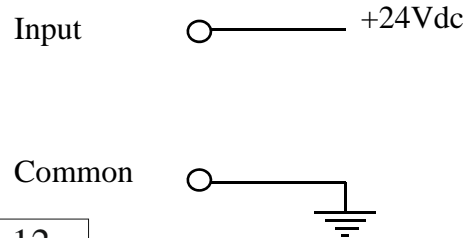
Connections

The digital inputs are wired like this:

Volt Free Contact:



+24Vdc Input



- 7. Digital Input 7
- 8. Digital Input 8
- 12. Common

- 5. Digital Input 5
- 6. Digital Input 6
- 11. Common

- 1. Digital Input 1
- 2. Digital Input 2
- 9. Common

- 3. Digital Input 3
- 4. Digital Input 4
- 10. Common

