

Input and output expander *iO-8*

Quick installation guide

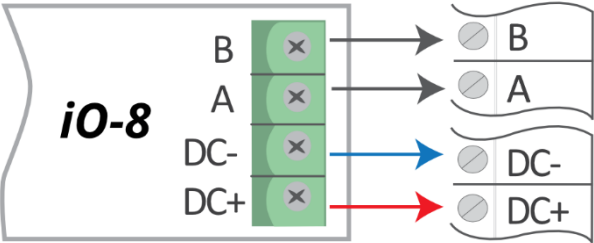
With expander *iO-8* you can increase the number of inputs and outputs in a compatible TRIKDIS device.

iO-8 has 8 contacts, which can be set to either input or output mode.

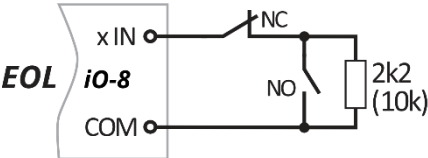
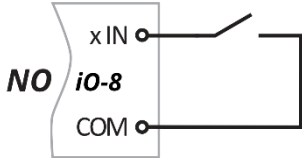
Visit iO-8 page on trikdis.com for device specifications and an up-to-date list of compatible TRIKDIS devices.

Follow these steps to set up *iO-8*:

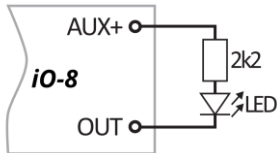
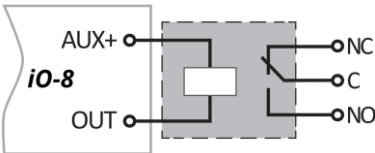
1. Wire *iO-8* to a compatible TRIKDIS device as shown:



2. Wire inputs as shown:



3. Wire outputs as shown:



4. Connect a USB cable to the main TRIKDIS device and open *TrikdirConfig* software. Press **Read [F4]**.

- Go to **Modules window**, and click on a free row in the “**RS485 modules**” pane. Select “**iO-8 expander**” in the drop-down list as shown:

System Options			RS485 modules		
Users & Reports			ID	Module	Serial No.
Modules			1	Not available	
Zones			2	Not available	
PGM			3	iO expander	
IP Reporting			4	iO-WL radio expander	
			5	TM17 Indication PAD	
			6	iO-8 expander	

- Enter iO-8 **Serial No.** (Numbers only) in the cell to the right. You will find this number on the sticker on iO-8.
- In the **Input** and **PGM Output** drop-down menu selection (**Zones** and **PGM window**), you will now see the iO-8 inputs and outputs, which you can enable:

Modules			Zone No Input Area		
Zones			1	Disable	1
PGM			2	Disable	1
IP Reporting			3	CG17 1 IN	1
Sensors			4	CG17 2 I/O	1
System events			5	CG17 3 I/O	1
Events Log			6	CG17 4 I/O	1
			7	RS485 Name1, IO1	1
			8	RS485 Name1, IO2	1

The setup may differ depending on the main TRIKDIS device. Configure settings for zones and PGM outputs according to the manual of the main device.

- Once finished, press **Write [F5]** and disconnect USB cable.
- Trigger the inputs and switch outputs to test the installation.