

Description

I/O CELL module is designed for using bidirectional I/O port of TinyPLC and PICBASIC efficiently. I/O ports, which are free to set INPUT/OUT, provide various usages in accordance with components connected to them. When used as OUTPUT port, I/O port can be connected with LED, RELAY and so on. When used as INPUT port, it can receive INPUT from TOGGLE switch, Photo Coupler and so on.

There are 10 types of I/O CELL modules



RELAY OUTPUT I/O CELL



NPN TR OUTPUT I/O CELL



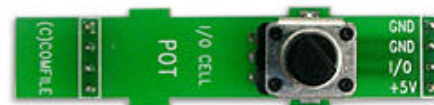
SSR output I/O CELL



LED OUTPUT I/O CELL



TACT SW INPUT I/O CELL



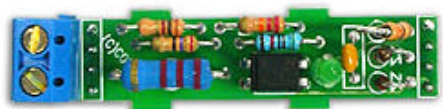
VOLUME INPUT I/O CELL



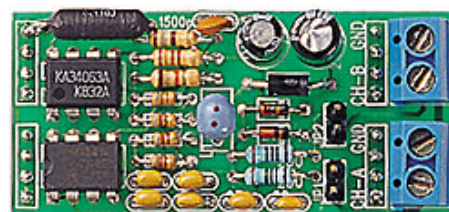
TOGGLE S/W INPUT I/O CELL



AC 220V INPUT I/O CELL

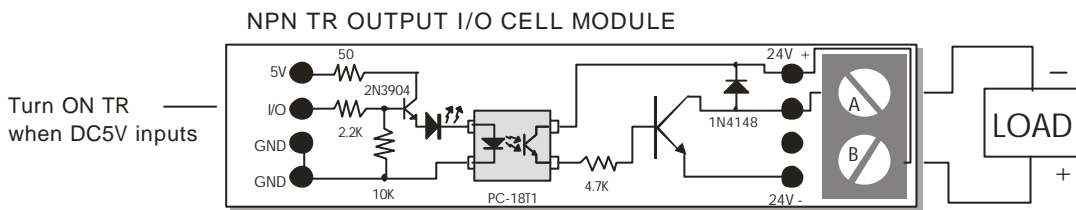
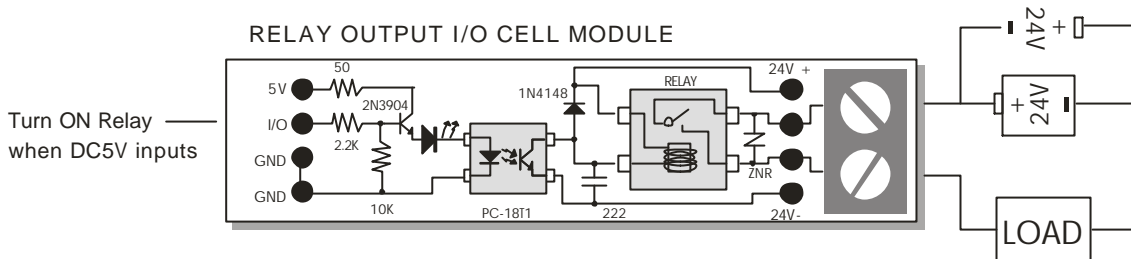
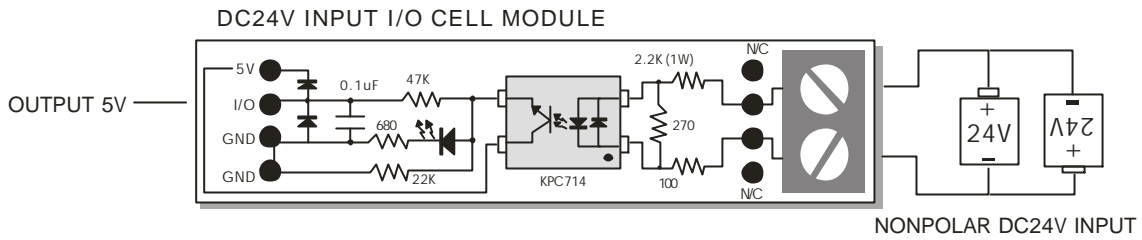


DC 24V INPUT I/O CELL

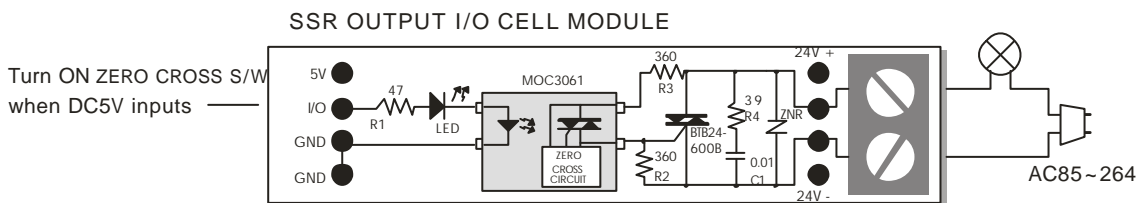
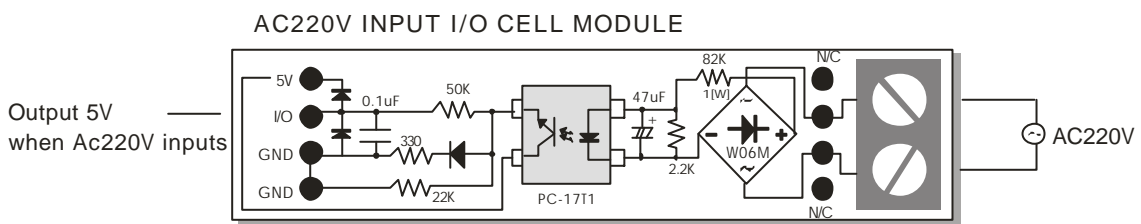


ADIN INPUT I/O CELL

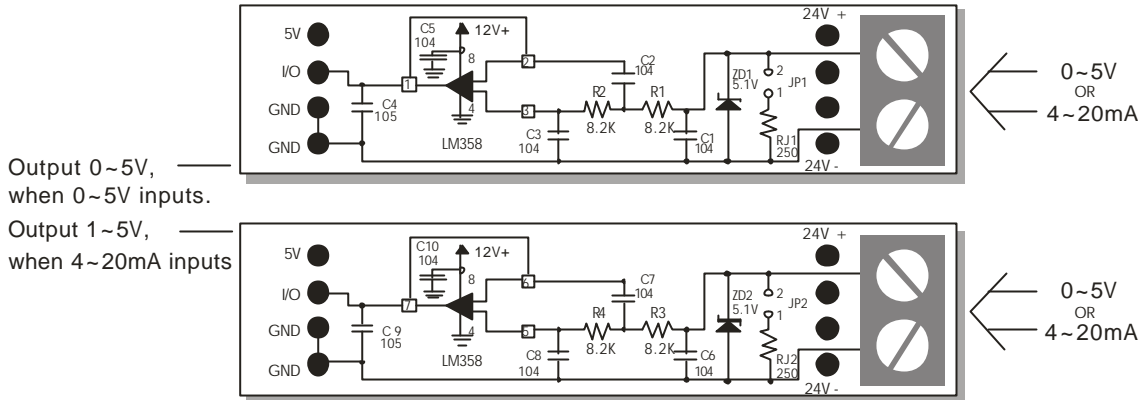
I/O CELL circuit diagram



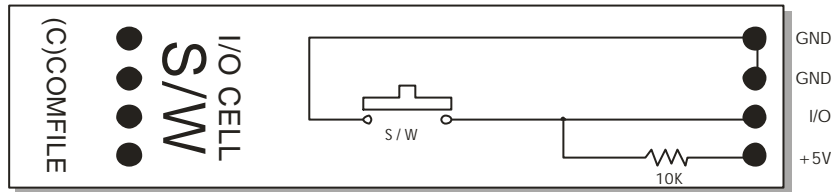
B keeps outputting 24V. When TR turns on, A is connected to 24V-.
When connecting LOAD, beware of polarity



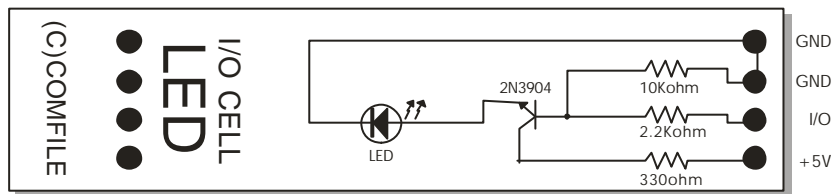
A/D INPUT I/O CELL MODULE



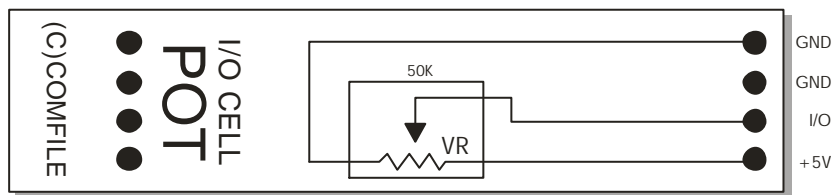
I/O CELL S/W



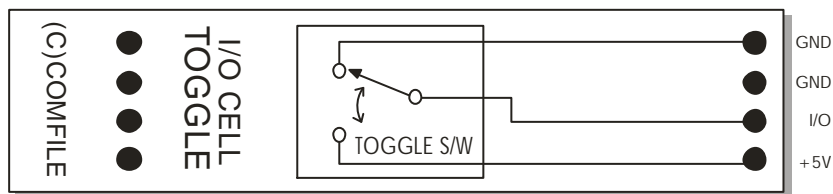
I/O CELL LED OUTPUT



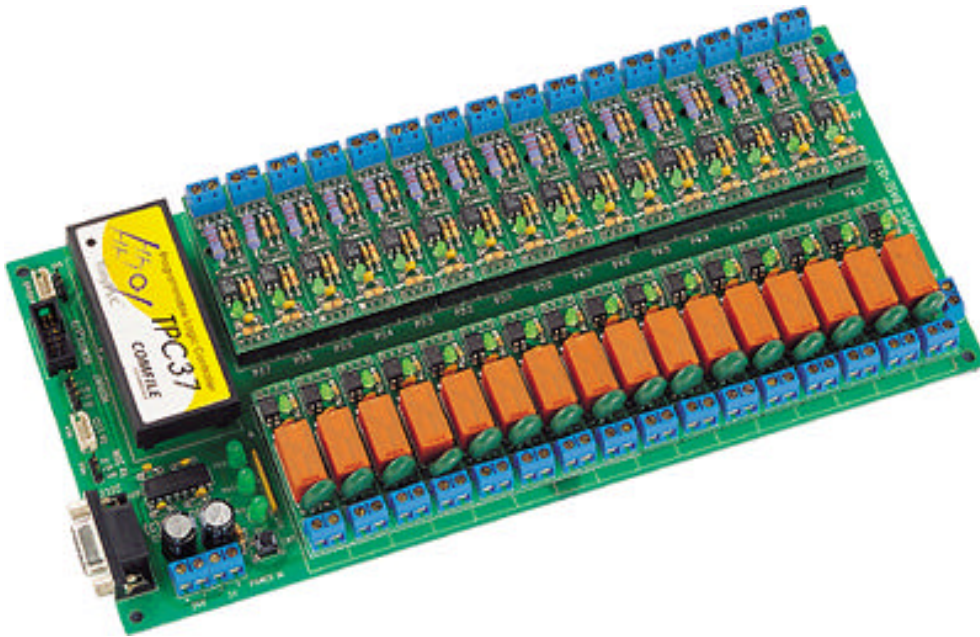
I/O CELL VOLUME



I/O CELL TOGGLE



Assembling I/O CELL with I/O CELL board



Dimension

All I/O CELLS has same size of pins and board.

