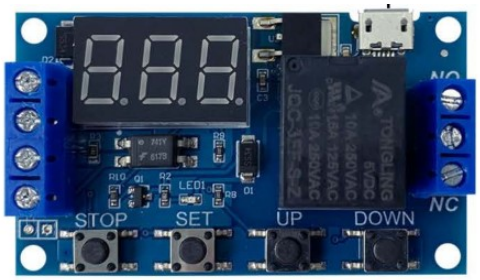


aap AT2-PCB Universal Timer and Rex Access Control User Manual

aap AT2-PCB Universal Timer and Rex Access Control User Manual

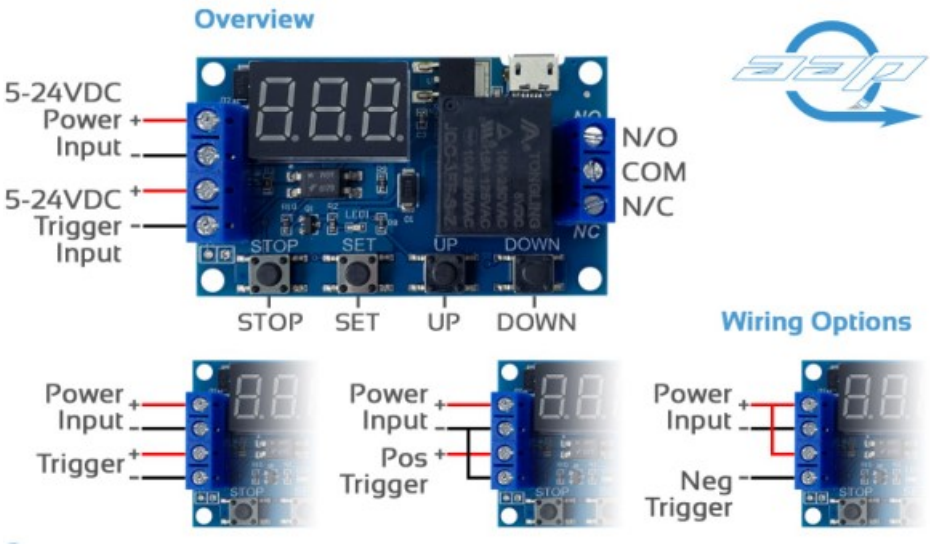
Contents

1 Specifications
2 Overview
3 Select A Time Function
4 Terminology
5 Programming
6 Time Intervals
7 Operation from Power Up
8 Documents / Resources
9 Related Posts

Specifications

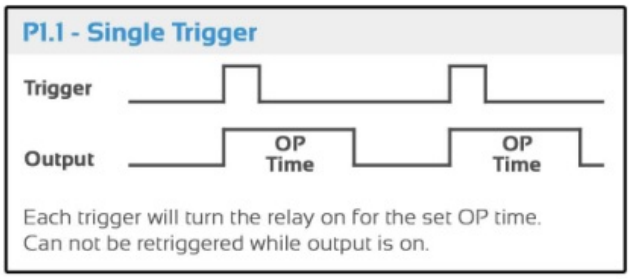
Input Voltage	5 - 24VDC
Trigger Voltage	5 - 24VDC
Relay Contacts	5 - 30VDC @ 5A
Standby Current	20mA
Operating Current	50mA
Time Increments	0.1 sec to 16.5 hours
Dimensions	63 x 37 x 20mm
Operating Temp	-20 to 60 Degrees
Time Functions	9 Selectable Modes
Mounting Holes	3mm

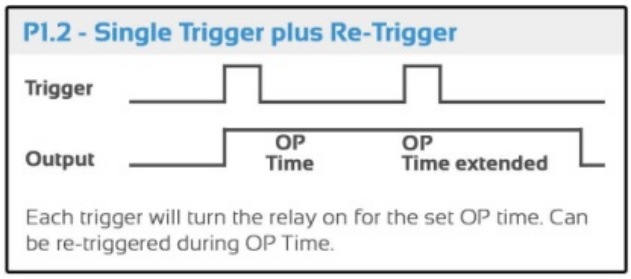
Overview

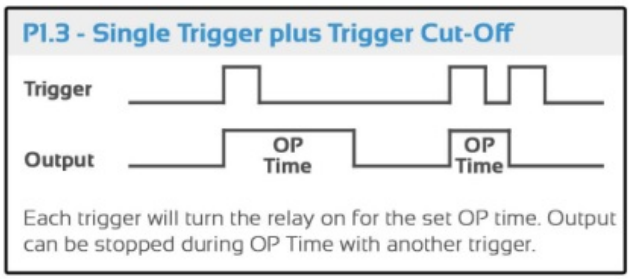


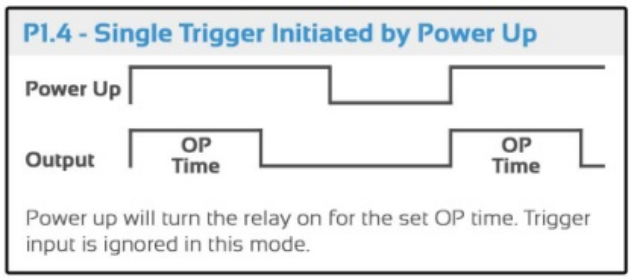
Select A Time Function

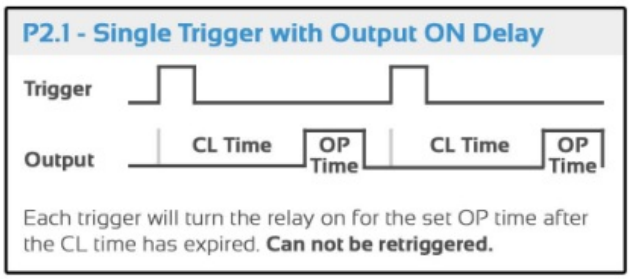
– Example Pl . I, P/.2 etc

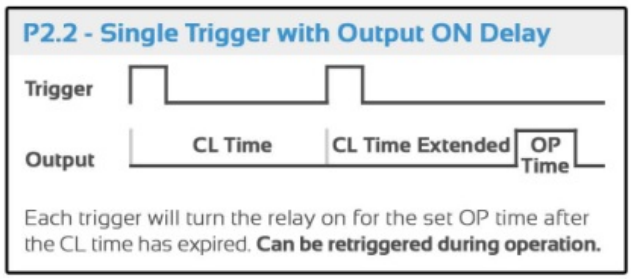


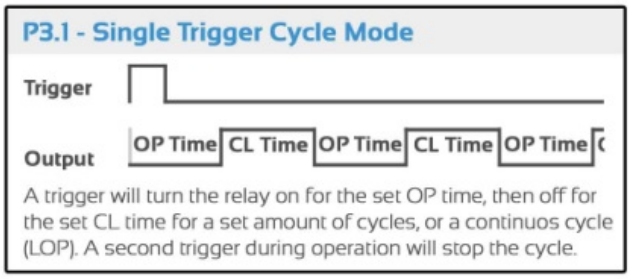


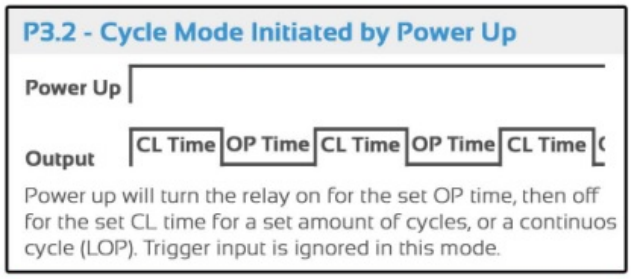


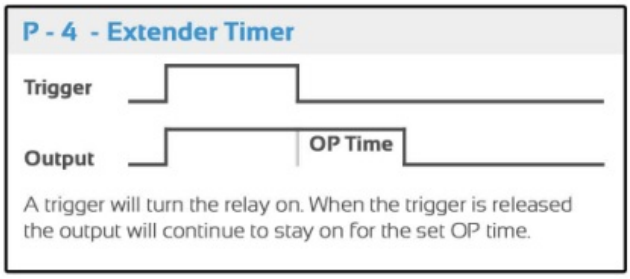


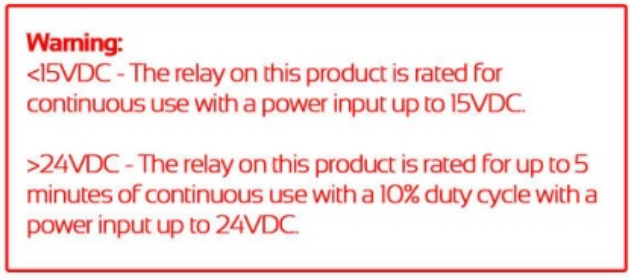












Terminology

Enter Program Mode: Press & hold the SET button for 2 seconds, then release.
EXIT Program Mode: Press & hold the SET button for 2 seconds, then release.
OP = Relay ON Time.
CL = Relay OFF Time.
LOP = Loop (number of operation cycles per trigger).

Programming

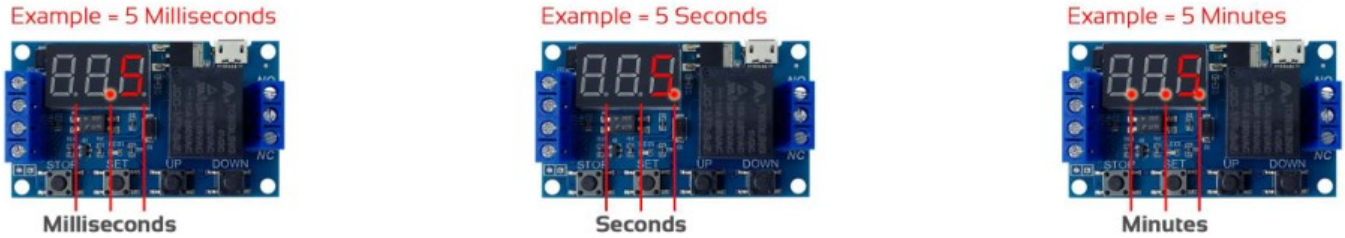
- First choose the time mode you wish to use from the tables on the previous page. I.e. P2.I, P3.2 etc.
- Now enter program mode by pressing and holding the SET button for 2 seconds, then releasing. The current time mode will display (i.e. P1.1) to indicate that you are in program mode.
- Next use the UP & DOWN buttons to scroll to the time mode you wish to use, then press SET to confirm.

- Now set the values for OP, CL or LOP by using the UP & DOWN buttons, followed by SET to save.

Note: Certain time modes will only include OP and some can include OP, CL & LOP as shown in the tables on the previous page.

Time Intervals

- When setting the OP &/or CL value you can choose the period to be either milliseconds, seconds or minutes. You can change between these time periods with each press of the STOP button followed by the SET button to save.
  See examples below:



- LOP (cycles) is used for time modes P3.l & P3.2 and can be set to a number of cycles or – – for inAnite cycles.
- Once the required OP, CL, LOP & time value are set, return the module to operating mode by pressing & holding the SET button for 2 seconds then releasing. The module will flash the current time mode before returning to operating mode.

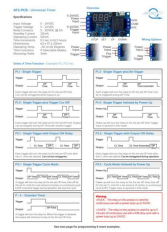
Operation from Power Up

- After every power up the timer will return to the last programmed time mode. The timer will then wait for a trigger to begin operation. Alternatively time modes Pl.4 & P3.2 will start operation automatically on power up. (see previous page for the complete table of time modes).

Manual vl.0

Supplied by AAP Ltd
344B Rosed a le Rd,
Albany 0632,
Auckland, NZ
www.aap.co.nz

Documents / Resources

	aap AT2-PCB Universal Timer and Rex Access Control [pdf] User Manual AT2-PCB, Universal Timer and Rex Access Control, Universal Timer