

MULTI-FUNCTION ANALOGUE TIMER User's Manual

RESTRICTIONS ON USE

When using this product in applications that require particular safety or when using this product in important facilities, please pay attention to the safety of the overall system and equipment. Install fail-safe mechanisms, perform redundancy checks and periodic inspections and adopt other appropriate safety measures when it is necessary. This product is rated at

SAFETY PRECAUTION This manual uses the following symbols to ensure safe operation of this timer.

WARNING Warnings are indicated when mishandling this product might result in death or serious injury to user

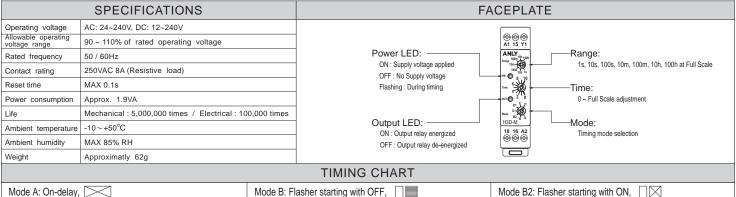
1 CAUTION Cautions are indicated when mishandling this product might result in minor injury to the user, or only physical damage to the timer

WARNING

- Note this incorrect wiring of this product can damage it and lead to other hazards. Make sure the product has been correctly wired before turning the power ON.
- Before wiring, or removing / mounting the product, be sure to turn the power OFF. Failure to do so might cause electric shock
- Do not touch electrically charged parts such as the power terminals. Doing so might cause electric shock
- Do not disassemble the product. Doing so might cause electric shock or faulty operation.

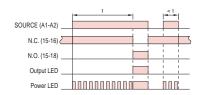
CAUTION

- Use the product within the operating ranges recommended in the specification (temperature, humidity, voltage, shock, mounting direction, atmosphere and etc.). Failure to do so might cause fire or faulty operation.
- Firmly tighten the wires to the terminal. Insufficient tightening of the wires to the socket might cause fire



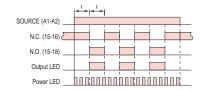
Timing starts when supply voltage is applied to

A1-A2. When the timing completes, the output relay energizes. Interrupting supply voltage resets the timing.



*The control contact A1-Y1 is without function in this mode

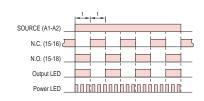
Timing starts when supply voltage is applied to A1-A2. The timing cycle starts with an OFF time, then changes to ON time of equal length and continues the OFF-ON cycle until the supply voltage is interrupted.



*The control contact A1-Y1 is without function in this mode Mode D1: Trailing edge interval, 1

Mode B2: Flasher starting with ON,

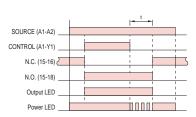
Timing starts when supply voltage is applied to A1-A2. The timing cycle starts with an ON time, then changes to OFF time of equal length and continues the ON-OFF cycle until the supply voltage is interrupted.

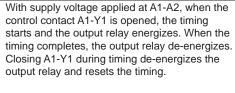


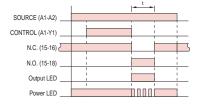
*The control contact A1-Y1 is without function in this mode

Mode D: Control contact OFF-delay,

With supply voltage applied at A1-A2, when the control contact A1-Y1 is held closed, the output relay energizes. When the contact is opened, the timing starts. When the timing completes, the output relay de-energizes. Closing A1-Y1 during timing resets the timing.

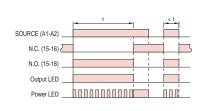






Mode E: Interval, 1 □ 🔀

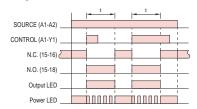
Timing starts and the output relay energizes when supply voltage is applied to A1-A2. When the timing completes, the output relay de-energizes. Interrupting supply voltage resets the timing.



*The control contact A1-Y1 is without function in this mode

Mode J1: Single shot, 1

With supply voltage applied at A1-A2, timing starts by closing control contact A1-Y1 and output relay energizes during the timing. When the timing completes, the output relay deenergizes. After completion, closing A1-Y1 restarts timing. Operating A1-Y1 during timing or holding it closed has no effect.



CONNECTION

15 A1(L/+) $\tilde{A2}(N/-)$ 18 16 A2

DIMENSION(mm)

