



ANLY TIMER

ET2-31 MULTI-FUNCTION ANALOGUE TIMER



CHARACTERISTIC :

- Wide operating voltage range in a single unit, AC/DC 24V~240V
- 10 field-selectable output modes for various applications
- 10 field-selectable time range, from 1 second to 300 hour
- Includes 2 SPDT output contacts
- 22.5 mm thin body design
- X1, Y1, Y2 contact for mode control

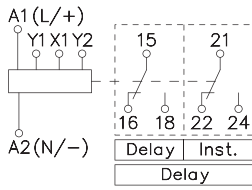
SPECIFICATION :

Operating voltage	AC/DC(V): 24 - 240
Allowable operating voltage range	85~110% of rated operating voltage
Rated frequency	50 / 60 Hz
Contact rating	250VAC 5A (resistive load)
Reset time	MAX 0.1S
Power consumption	Approx. 3VA
Life	Mechanical: 5,000,000 times Electrical: 100,000 times
Ambient temperature	-10 ~ +50°C (without condensation & freezing)
Ambient humidity	MAX 85%RH (without condensation)
Altitude	MAX 2000m
Weight	Approx. 90g

TYPE SELECTION :

Type	ET2-31
Operation mode	10 Modes: A / B / B3 / C / D / D1 / E / E1 / M / S
Output contact	2 x SPDT
Time range	10 Ranges: 1s / 3s / 10s / 30s / 100s / 300s / 30m / 300m / 30h / 300h

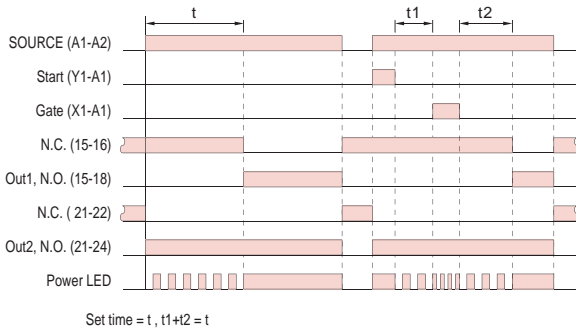
CONNECTION :



Contact	Short	Open
Y1 - A1	Start	---
X1 - A1	Gate	---
Y2 - A1	Delayed	Instantaneous + Delayed

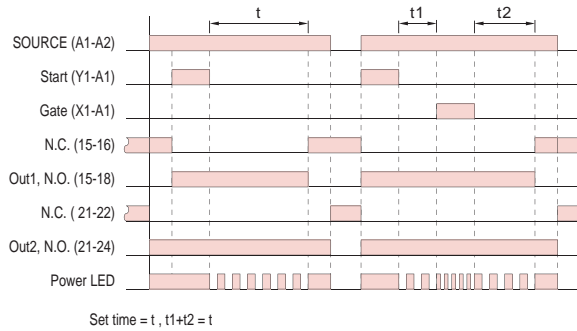
TIMING CHART :

Output mode **A** : ON delay



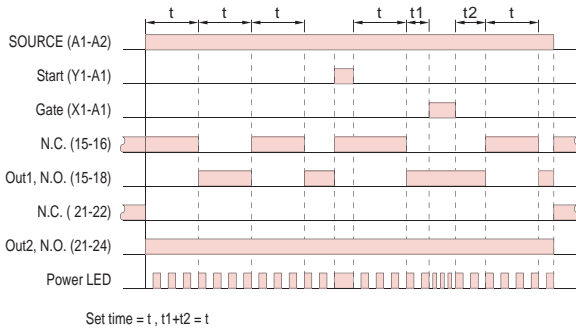
Set time = t , $t_1+t_2 = t$

Output mode **D** : Signal OFF delay(Signal ON Output)



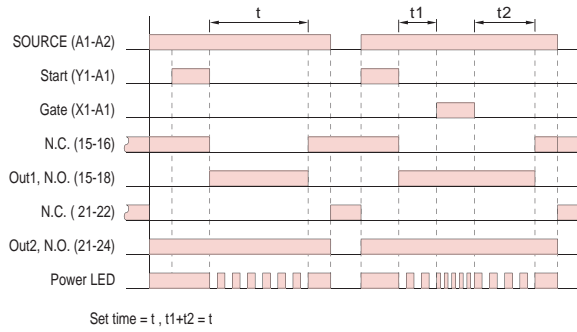
Set time = t , $t_1+t_2 = t$

Output mode **B** : Repeat cycle OFF start



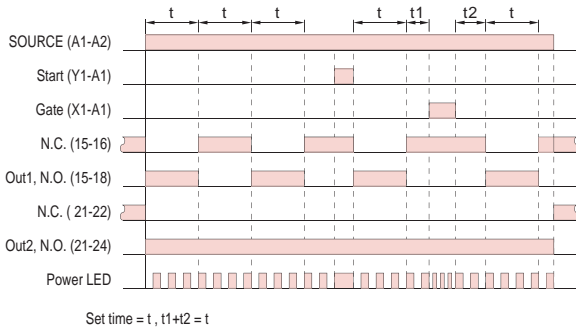
Set time = t , $t_1+t_2 = t$

Output mode **D1** : Signal OFF delay(Signal OFF Output)



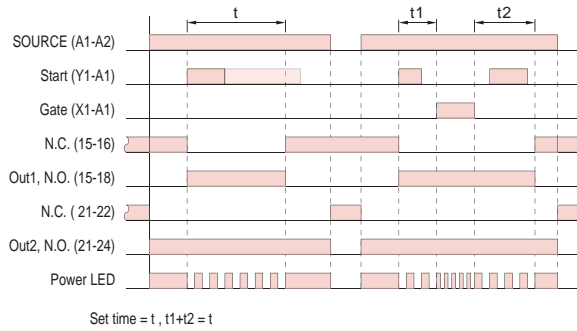
Set time = t , $t_1+t_2 = t$

Output mode **B3** : Repeat cycle ON start



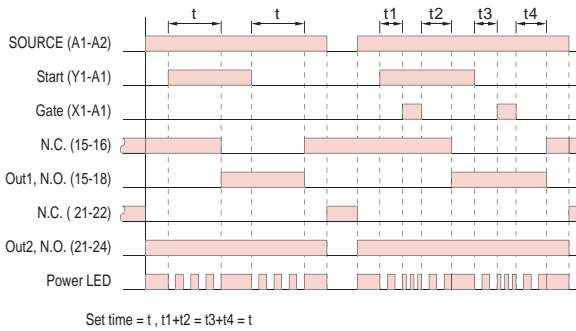
Set time = t , $t_1+t_2 = t$

Output mode **E** : Interval(Signal ON delay)



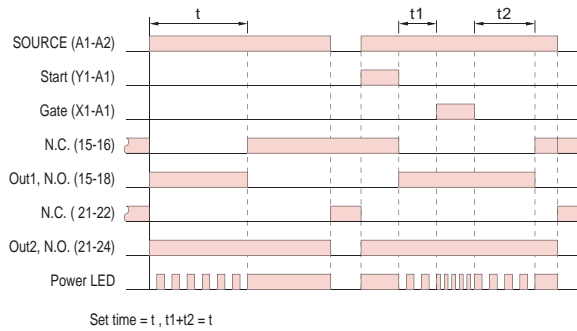
Set time = t , $t_1+t_2 = t$

Output mode **C** : Signal ON/OFF delay



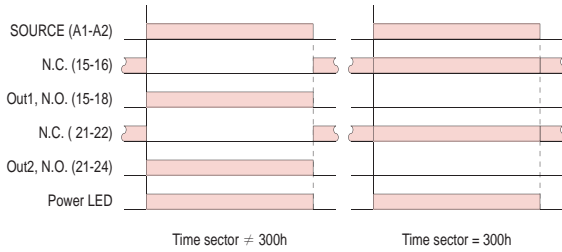
Set time = t , $t_1+t_2 = t_3+t_4 = t$

Output mode **E1** : Interval(Signal OFF delay)

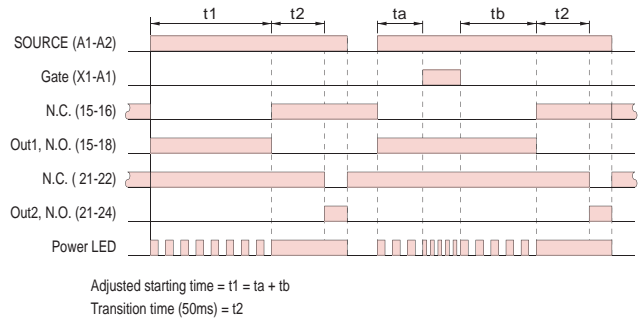


Set time = t , $t_1+t_2 = t$

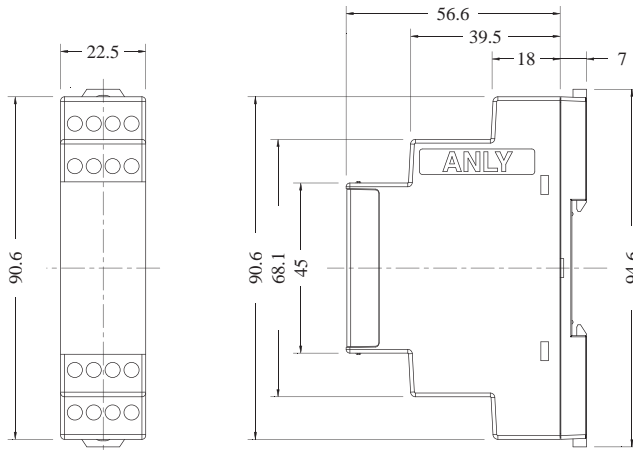
Output mode **M** : ON/OFF Function



Output mode **S** : Start-delta change-over



DIMENSIONS : (mm)



Tolerance: ±0.1

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