



ANLY H5CLR, ASY-4DR Multi Function Digital Timer User Manual

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ANLY H5CLR, ASY-4DR Multi Function Digital Timer



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 failsafe mechanisms, perform redundancy checks and periodic inspections, and adopt other appropriate safety measures when it is necessary. This product is rated at Class II.

SAFETY PRECAUTION

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

WARNING

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

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 the 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 an electric shock.
- Do not touch electrically charged parts such as the power terminals. Doing so might cause an electric shock.
- Do not disassemble the product. Doing so might cause electric shock or faulty operation.

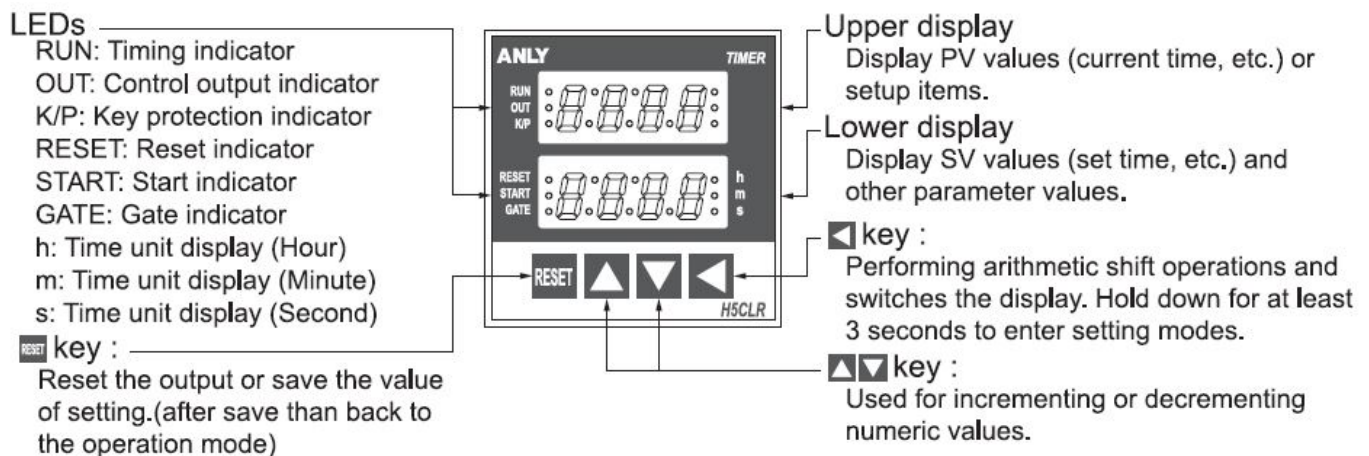
CAUTION

- 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 socket. Insufficient tightening of the wires to the socket might cause a fire.

SPECIFICATIONS

- Operating voltage AC/DC(V): 12-48 or 100-240
- Allowable voltage operating range 85-110% of rated operating voltage
- Rated frequency 50/60Hz
- Contact rating 250VAC 5A (Resistive load)
- Reset time MAX 0.1 s
- Life Approx. 2.5VA
- Power consumption 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 MAX2000m
- Weight Approx. 120g(H5CLR)/150g(ASY-4DR)

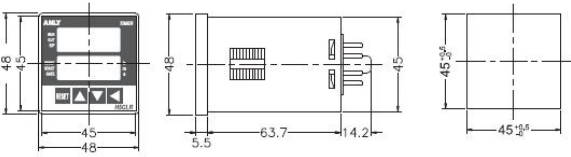
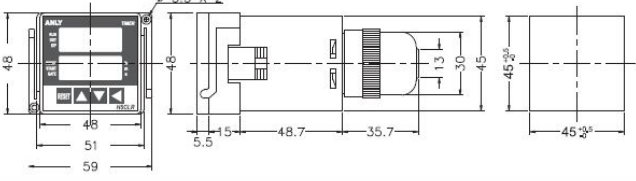
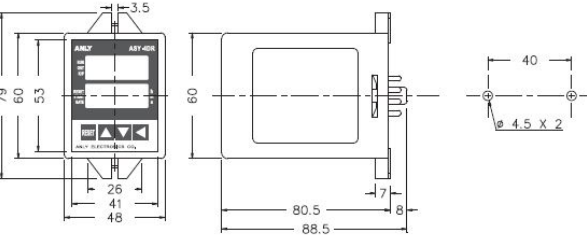
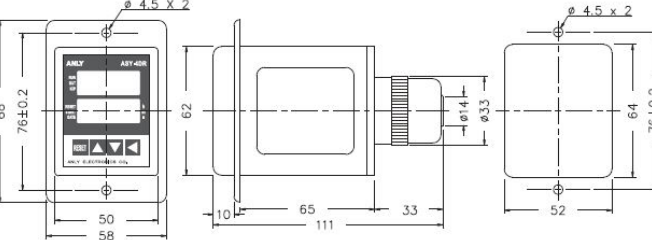
NAMES AND FUNCTIONS OF FACEPLATE



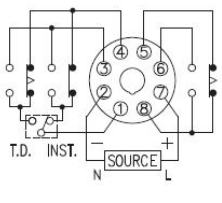
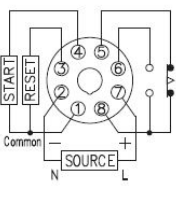
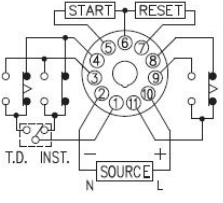
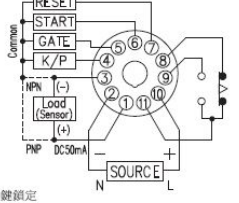
SETTING PROCEDURE

Reset		Switch to input setting mode		Switch ON / OFF Key protection		Switch to the next mode		Save and back to the operation mode	
POWER ON or		(1)Normal + 3s (2)In self cut-off and setting time below 3s → + + 3s		+ + 3s					
1.TIME RANGE			2.UP / DOWN MODE			3.OUTPUT MODE			
<div><div>1-1 9,999s</div><div>1-2 99,99s</div><div>1-3 999.9s</div><div>1-4 9999s</div><div>1-5 999.9m</div><div>1-6 9999m</div><div>1-7 999.9h</div><div>1-8 9999h</div><div>1-9 99m59s</div><div>1-A 99h59m</div></div>			<div> 2-1 Count up 2-2 Count down</div>			<div><div><div>3-1 Mode A</div><div>3-2 Mode A1</div><div>3-3 Mode A2</div><div>3-4 Mode A3</div></div><div><div>3-5 Mode B</div><div>3-6 Mode B1</div><div>3-7 Mode B2</div><div>3-8 Mode C</div></div><div><div>3-9 Mode D</div><div>3-A Mode E</div><div>3-b Mode F</div><div>3-C Mode A5</div></div></div> <div>See Timing Chart, Only A,B,C Mode on H5CLR-8, ASY-4DR</div>			
4.OUTPUT TIME			5.INPUT SIGNAL TIME			6.KEY PROTECTION LEVEL			
<div>4-1 Hold-99999.9S</div> <div>※ Not functional on MODE C,D,E and F</div>			<div><div>5-1 20ms</div><div>5-2 1ms</div></div> <div>※ Not available for ASY-4DR and H5CLR-8</div>			<div><div>6-1 Lock function key </div><div>6-2 Lock reset key </div><div>6-3 Lock preset value key </div><div>6-4 Lock all key </div></div>			
7.OUTPUT CONTACT			8.NPN/PNP INPUT MODE			H5CLR : 8-1 NPN, Common = 0V H5CLR : 8-2 PNP, Common = +V			
<div>7-1 2C</div> <div>7-2 1A1C</div> <div>※ Available on H5CLR-8/11 and ASY-4DR type only</div>			<div>8-1 nPn</div> <div>8-2 PnP</div> <div>※ Not available for ASY-4DR and H5CLR-8</div>						

DIMENSION mm

H5CLR 	H5CLR + Y-50 + US-08 
ASY-4DRN / ASY-4DRGN 	ASY-4DRY / ASY-4DRGY + US-08 

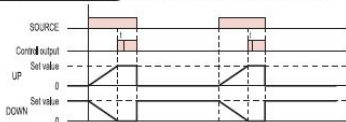
CONNECTION

H5CLR-8 & ASY-4DR 	H5CLR-8G & ASY-4DRG 	H5CLR-11 	H5CLR-11M  K/P : 按键锁定
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TIMING CHART Output mode

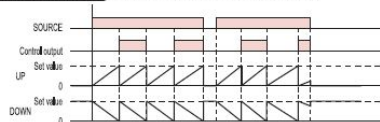
H5CLR-8 & ASY-4DR

A : Signal ON delay 1 (Timer resets when power comes ON.)



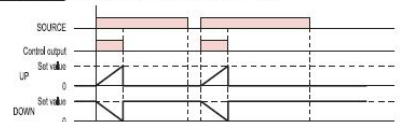
The control output is controlled using a sustained or one-shot time period.

B : Repeat cycle 1 (Timer resets when power comes ON.)



The status of the control output is reversed when time is up (OFF at start).

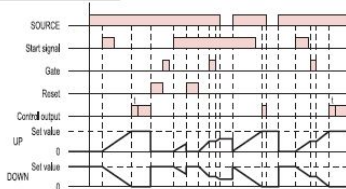
E : Interval (Timer resets when power comes ON.)



The timer is reset when the time is up.

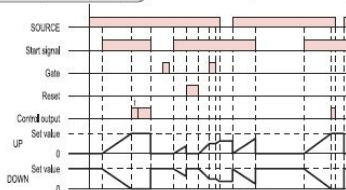
H5CLR-8G & ASY-4DRG & H5CLR-11 & H5CLR-11M

A : Signal ON delay 1 (Timer resets when power comes ON.)



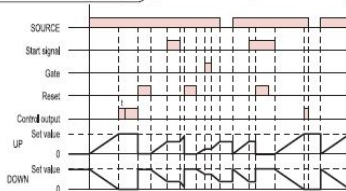
Timing starts when the start signal goes ON. *Note1
The control output is controlled using a sustained or one-shot time period.

A-1 : Signal ON delay 2 (Timer resets when power comes ON.)



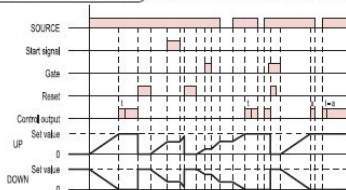
Timing starts when the start signal goes ON, and is reset when the start signal goes OFF. *Note1
The control output is controlled using a sustained or one-shot time period.

A-2 : Power ON delay 1 (Timer resets when power comes ON.)



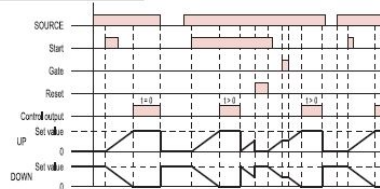
Timing starts when the reset input goes OFF.
The start signal disables the timing function (ie., same function as the gate input).
The control output is controlled using a sustained or one-shot time period.

A-3 : Power ON delay 2 (Timer does not reset when power comes ON.)



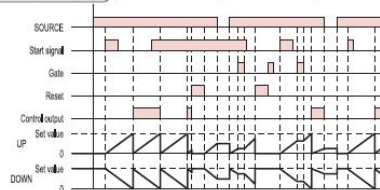
Timing starts when the reset input goes OFF.
The start signal disables the timing function (ie., same function as the gate input).
The control output is controlled using a sustained or one-shot time period.

A-5 : Signal ON delay 3 (Timer resets when power comes ON.)



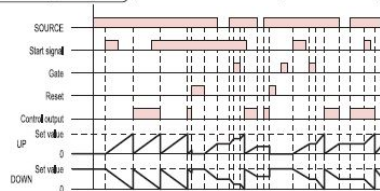
Timing starts when the start signal goes ON. *Note1
The status of the control output is reversed when time is up (OFF at start).

B : Repeat cycle 1 (Timer resets when power comes ON.)



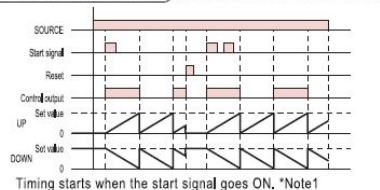
Timing starts when the start signal goes ON. *Note1
The status of the control output is reversed when time is up (OFF at start).

B-1 : Repeat cycle 2 (Timer does not reset when power comes ON.)



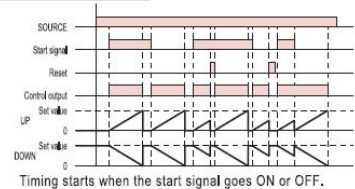
Timing starts when the start signal goes ON. *Note1
The status of the control output is reversed when time is up (OFF at start).

B-2 : Repeat cycle ON start (Timer resets when power comes ON.)



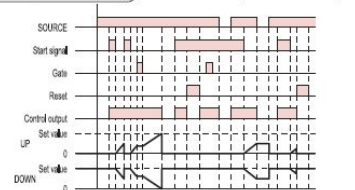
Timing starts when the start signal goes ON. *Note1
The status of the control output is reversed when time is up (OFF at start).

C : Signal ON/OFF delay (Timer resets when power comes ON.)



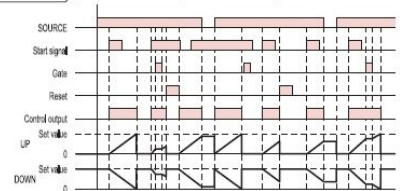
Timing starts when the start signal goes ON or OFF.
The status of the control output is ON when the start signal goes ON or OFF.

D : Signal OFF delay (Timer resets when power comes ON.)



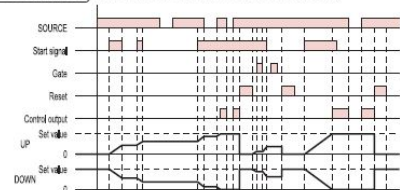
The control output is ON when the start signal is ON (except when the power is OFF or the reset is ON).
The timer is reset when the time is up.

E : Interval (Timer resets when power comes ON.)



Timing starts when the start signal comes ON. *Note1
The control output is reset when time is up.

F : Cumulative (Timer does not reset when power comes ON.)



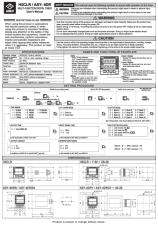
Start signal enables timing (timing is stopped when the start signal is OFF or when the power is OFF).
A sustained control output is used.
*Note1: While the start signal is ON, the timer starts when power comes ON or when the reset input goes OFF.

ONLY ELECTRONICS CO., LTD.

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Documents / Resources



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Timer, ASY-4DR Multi Function Digital Timer, Multi Function Digital Timer, Digital Timer, Timer