



H5KLR MULTI-FUNCTION DIGITAL COUNTER 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.

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

SPECIFICATIONS		NAMES AND FUNCTIONS OF FACEPLATE	
Operating voltage	AC/DC : 12~48V / AC/DC : 100~240V	LEDs	
Allowable operating voltage range	85 ~ 110% of rated operating voltage	RUN: Counting indicator	
Rated frequency	50 / 60Hz	OUT1: Control output 1 indicator	
Contact rating	250VAC 5A (Resistive load)	OUT2: Control output 2 indicator	
Count speed	MAX 30 cps or 1,000 cps	RESET: Reset indicator	
Power consumption	Approx. 2.5VA	CP1: Signal input 1 indicator	
Life	Mechanical : 5,000,000 times / Electrical : 100,000 times	CP2: Signal input 2 indicator	
Ambient temperature	-10~+50°C	Set1: 1st set value indicator	
Ambient humidity	MAX 85% RH	Set2: 2nd set value indicator	
Weight	Approx. 120g(H5KLR) / 150g(ASK-4DR)	K/P: Key protection indicator	
		key :	
		Reset the output or save the value of setting.(after save than back to the operation mode)	
		Upper display	Display PV values (current count values, etc.) or setup items.
		Lower display	Display SV values (set count values, etc.) and other parameter values.
		key :	Performing arithmetic shift operations and switches the display. Hold down for at least 3 seconds to enter setting modes.
		key :	Used for incrementing or decrementing numeric values. And show the first set value or second set value.

SETTING PROCEDURE

SPECIAL FUNCTION KEY

POWER ON or **Reset**

ON / OFF Key protect (PRESS FOR 3s)

Switch to input setting mode (PRESS FOR 3s)

(1)Stop **Switch to input setting mode** (PRESS FOR 3s)

(2)Counting **Switch to input setting mode** (PRESS FOR 3s)

MINIMUM RESET TIME

Change the set value (6-1 20ms, 6-2 1ms)

Switch to the position of decimal point setting mode or **Save and back to the operation mode**

INPUT MODE

Change the mode (1-1 UP, 1-2 DOWN, 1-3 UP/DOWN A, 1-4 UP/DOWN B, 1-5 UP/DOWN C)

Switch to output setting mode or **Save and back to the operation mode**

※ UP/DOWN MODE not available on ASK-4DR□, H5KLR-8-11 type

DECIMAL POINT

Move the decimal point position (7-1 9999, 7-2 999.9, 7-3 99.99)

Switch to prescale value setting mode or **Save and back to the operation mode**

OUTPUT MODE

Change the mode (2-1 Mode N, 2-2 Mode F, 2-3 Mode C, 2-4 Mode R, 2-5 Mode K, 2-6 Mode P, 2-7 Mode Q, 2-8 Mode A)

Switch to output 2 time setting mode or **Save and back to the operation mode**

See reverse page for more details

PRESCALE VALUE

Change the set value (8-1 0.01~9.99)

Changing the digit of prescale value

Switch to key protection level setting mode or **Save and back to the operation mode**

OUTPUT 2 TIME

Change the set value (3-1 0.01s, 3-2 0.05s, 3-3 0.1s, 3-4 0.2s, 3-5 0.5s, 3-6 1s, 3-7 2s, 3-8 5s, 3-9 10s)

Switch to output 1 time setting mode or **Save and back to the operation mode**

※ Not available for Mode N and Mode F

KEY PROTECTION LEVEL

Change the set level (9-1 Lock function key, 9-2 Lock reset key, 9-3 Lock preset value key, 9-4 Lock all key)

Switch to power off setting mode or **Save and back to the operation mode**

OUTPUT 1 TIME

Change the set value (4-1 Hold, 4-2 0.01s, 4-3 0.05s, 4-4 0.1s, 4-5 0.2s, 4-6 0.5s, 4-7 1s, 4-8 2s, 4-9 5s, 4-A 10s, 4-B 20s)

Switch to count speed setting mode or **Save and back to the operation mode**

※ Available on H5KLR-11 type only

POWER OFF MODE

Change the mode (A-1 Power off reset, A-2 Power off memory)

Switch to Input setting mode or **Save and back to the operation mode**

COUNT SPEED

Change the set value (5-1 30 cps, 5-2 1k cps)

Switch to reset time setting mode or **Save and back to the operation mode**

Product is subject to change without notice.

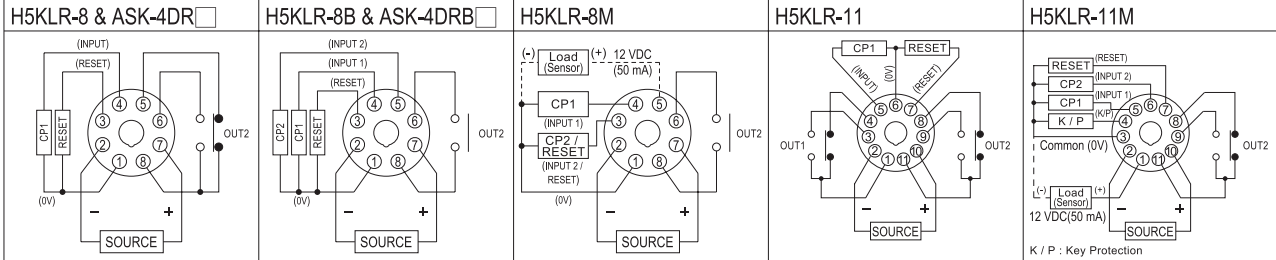
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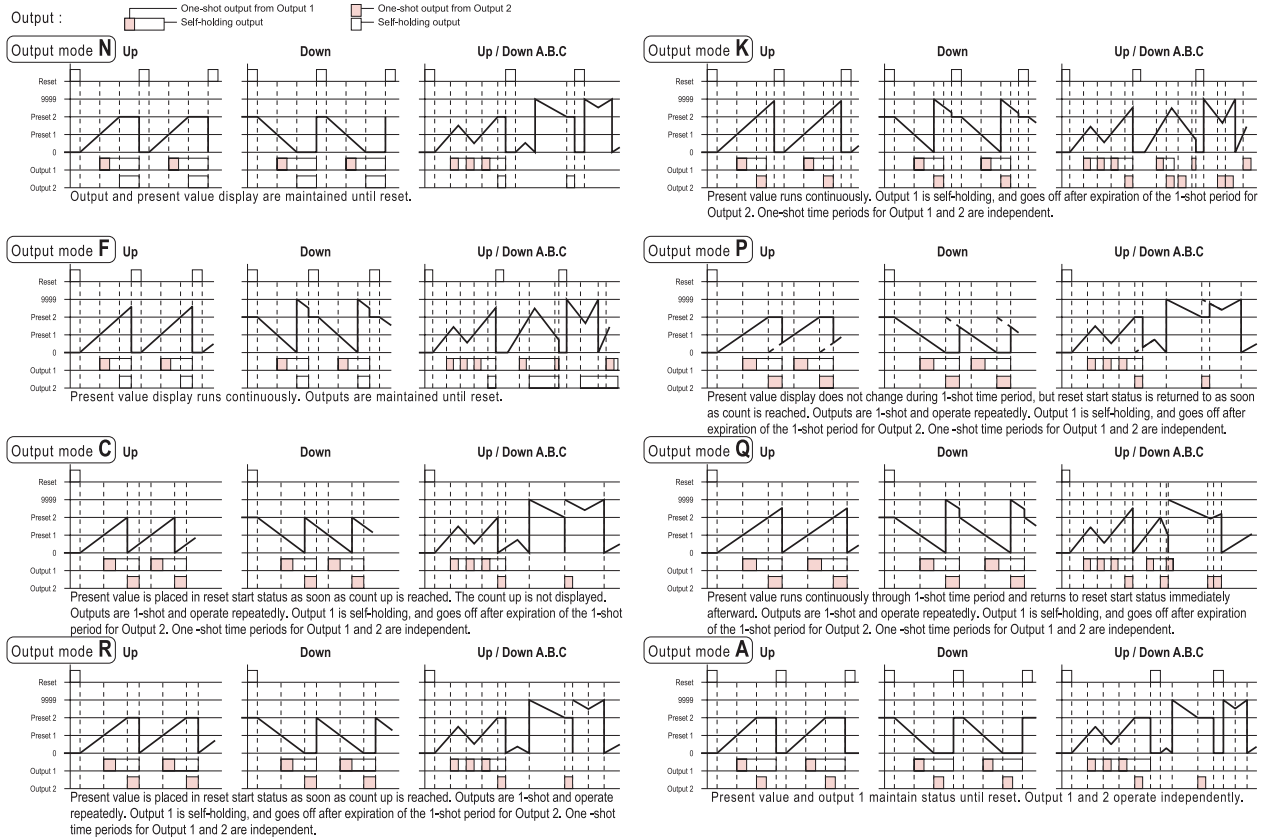
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CONNECTION

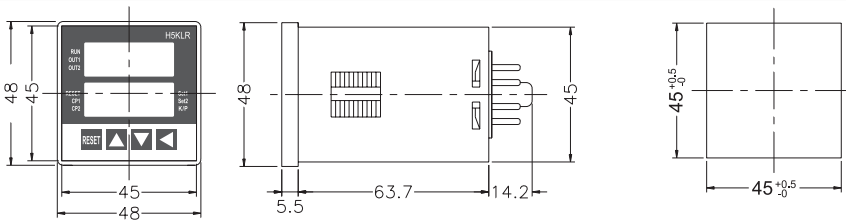


TIMING CHART



DIMENSION(mm)

H5KLR



H5KLR + Y-50 + US-08

