Digital Timer
H5CC

Upgraded Design with a User-Friendly Interface

5 in one

Highly Integrated Digital Timer with a Wide Range of Functionality

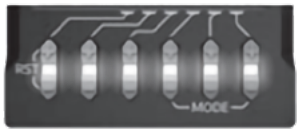
The H5CC series improves user interaction with a friendly interface and predictive maintenance features, visual clarity through a white LCD screen and improved status indicators in both keys and display.

Bright white LCD Screen
makes it easier to read values from a distance.

Status indicators integrated
into the front buttons to maximize visual clarity and visibility.

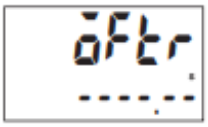
Status can be indicated by the ratio of present value or the measurement value to the set value.

Three indicators light up when the status reaches 50%

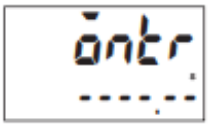


All indicators light up when the status reaches 100%

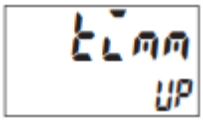
Example of LCD Screen



OFF Time range



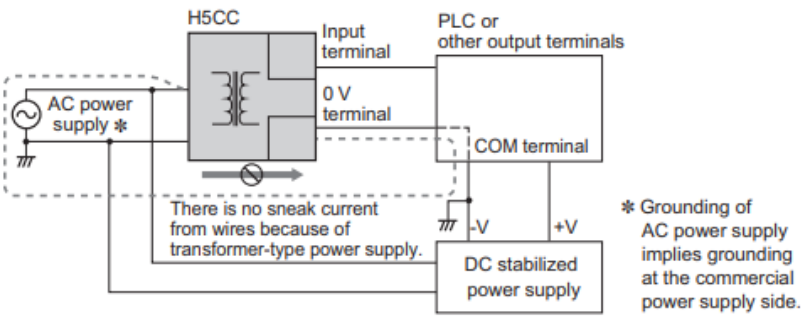
ON Time range



Timer mode

Safety and reliability through isolated circuits

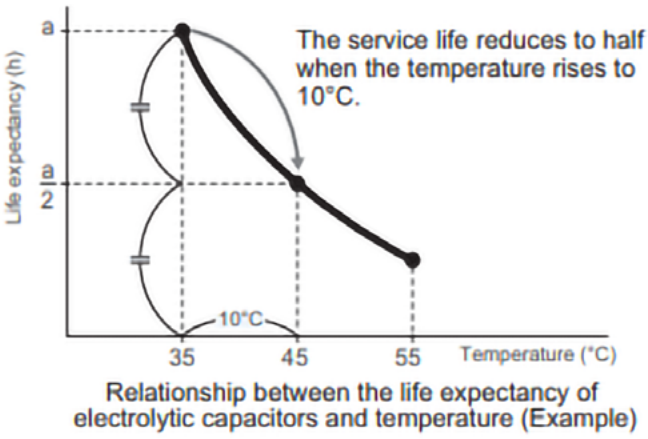
Power supply circuit and input circuits are isolated, removing issues of incorrect wiring.



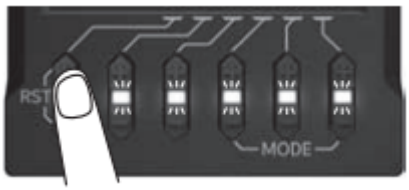
Replacement Time Notification Function Alerts the user to Potential Maintenance Needs

When the timer’s service life is reaching its end, there’s a deterioration of the electrolytic capacitors and the relay output count.

In addition to the relay output count, an alarm is displayed when said deterioration reaches a standard value and a planned maintenance is supported.

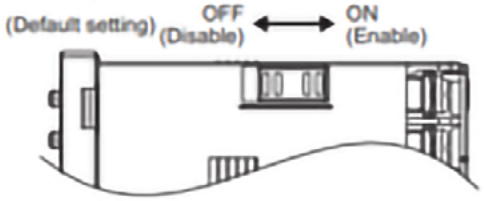


Relationship between the life expectancy of electrolytic capacitors and temperature (Example)



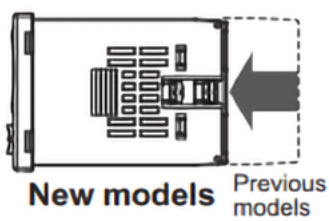
Reset Operation

Capability to prevent operational error through reset.



Key Protect Switch

Avoid unwanted inputs through key protection



Sustainability through thinner design inside a control pannel

Body depth of all models with screw terminals has been reduced compared to previous models, contributing to downsizing control panels and reducing footprint.

Part Numbers

Type	Time Ranges	Operating modes	External connections	Inputs	Outputs	Power supply voltage	Models
H5CC-A	0.001 to 999.999 s 0.01 to 9999.99 s 0.1 to 99999.9 s 1 to 999999 s 1s to 99 h 59 min 59 s 0.1 to 99999.9 min 1 to 999999 min 1 min to 9999 h 59 min 0.1 to 99999.9 h 1 to 999999 h	A: Signal ON Delay I F-1: Cumulative (Timer does not reset when power comes ON.)	Screw terminal blocks	Signal, Reset, Gate (NPN/PNP inputs)	Transistor output (DPST)	12 to 48 VDC/ 24 VAC	H5CC-AWSD
		<Timer Mode> A: Signal ON delay I A-1: Signal ON delay II A-2: Power ON delay I A-3: Power ON delay II b: Flicker I b-1: Ficker II b-5: One-shot flicker C: Signal ON/OFF delay I d: Signal OFF delay I E: Interval F: Cumulative G: Signal ON/OFF delay II H: Signal OFF delay II Z: ON/OFF-duty-adjustable flicker S: Stopwatch <Twin Timer Mode> toff: Flicker OFF start I ton: Flicker ON start I toff-1: Flicker OFF start II ton-1: Flocker ON start II	Screw terminal blocks	Signal, Reset, Gate (NPN/PNP inputs)	Contact output (time-limit SPDT)	100 to 240 VAC	H5CC-A
						12 to 48 VDC/ 24 VAC	H5CC-AD
					Transistor ouput (SPST)	100 to 240 VAC	H5CC-AS
						12 to 48 VDC/ 24 VAC	H5CC-ASD
					Contact output (time-limit SPDT) + transistor output (SPST)	100 to 240 VAC	H5CC-AU
						12 to 48 VDC/ 24 VAC	H5CC-AUD
			11-pin socket		Contact output (time-limit SPDT)	100 to 240 VAC	H5CC-A11
						12 to 48 VDC/ 24 VAC	H5CC-A11D
					Transistor ouput (SPST)	100 to 240 VAC	H5CC-A11S
						12 to 48 VDC/ 24 VAC	H5CC-A11SD
				Signal, Reset, Gate (NPN inputs)	Contact ouput (time-limit SPDT)	12 to 48 VDC/ 24 VAC	H5CC-A11F
H5CC-L			8-pin socket	Signal, Reset (NPN inputs)	Contact ouput (time-limit SPDT)	100 to 240 VAC	H5CC-L8
						12 to 48 VDC/ 24 VAC	H5CC-L8D
					Transistor ouput (SPST)	100 to 240 VAC	H5CC-L8S
						12 to 48 VDC/ 24 VAC	H5CC-L8SD
		<Timer Mode> A-2: Power ON delay I b: Flicker I E: Interval Z: ON/OFF-duty-adjustable flicker <Twin Timer Mode> toff: Flicker OFF start I ton: Flicker ON start I		None	Contact output (time-limit SPDT + instantaneous SPDT) Models with instantaneous contact outputs	100 to 240 VAC	H5CC-L8E
						12 to 48 VDC/ 24 VAC	H5CC-L8ED
						12 to 48 VDC/ 24 VAC	H5CC-L8EF

Accessories

Soft Cover
Y92A-48F1

Hard Cover
Y92A-48

Would you like to know more?
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