

CH & TH Series



FEATURES:

- Low cost
- 7 Digit LCD display
- Battery powered Totalizing Counter or Timer
- Accepts a wide range of inputs
- Screw terminal connections
- Small panel footprint

DESCRIPTION:

The CH & TH Series are panel mount counters and timers that are powered by a small, lithium battery. Under standard operation, they have a life expectancy of 10 years

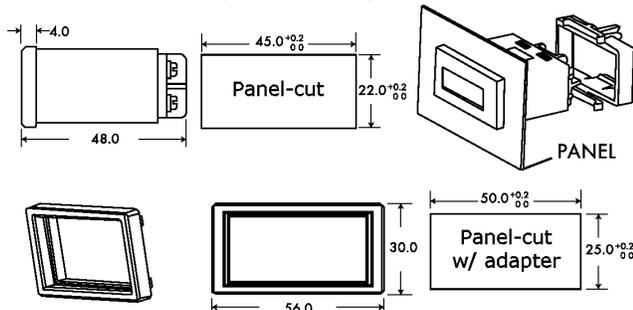
The CT Series of totalizing counters accepts three types of inputs. 1) Non-voltage contact closure or NPN open collector 2) PNP 6-24VDC 3) 90-240V AC/DC. The front reset button can be disabled if desired.

The TH Series are elapsed timers and can time in minutes or hours. They accept a non-voltage contact closure / NPN open collector or a 90-240V AC/DC input. The unit times as long as it is receiving an input and stops when the input is stopped or removed. The front reset button can be disabled if desired.

SPECIFICATIONS:

Model	CH-7N	CH-7P	CH-7A	TH-7NM	TH-7NH	TH-7AM	TH-7AH
Function	Counter (1 count per pulse)			Timer Min.	Timer Hour	Timer Min.	Timer Hour
Display	7 digit, LCD, 8mm (0.315") high characters Range: 9999999			7 digit, LCD, 8mm (0.315") high characters Range 999999.9			
Power Supply	Internal lithium battery						
Battery life	10 year (calculated)						
Input	Non-voltage contact closure / NPN open collector	PNP, Hi (6-24Vdc) Low (4-0 Vdc)	Voltage, AC/DC 90-240V	Non-voltage contact closure / NPN open collector		AC/DC 90-240V	
Input speed	10 Hz Max						
Reset	1) Non-voltage contact closure / NPN open collector 2) Front push button	1) PNP, Hi (6-24Vdc) Low (4-0 Vdc) 2) Front push button	1) Non-voltage contact closure / NPN open collector 2) Front push button				
Housing	Plastic						
Mounting	Panel mount						
Connection	Screw terminals						
Temperature	Operating: -32 to 122°F (-0 to 50°C) Storage: -4 to 140°F (-20 to 60°C)						
Humidity	35% to 85% RH						
Approval	CE						

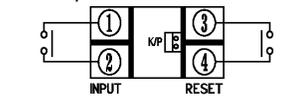
DIMENSIONS: mm (1mm = .03937")



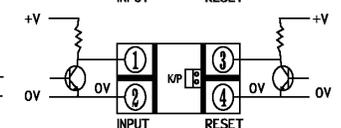
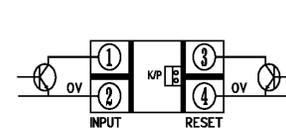
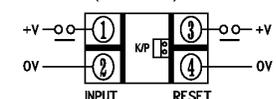
The included mounting adapter allows the counter to be fitted into existing 1" x 2" cutouts.

WIRING:

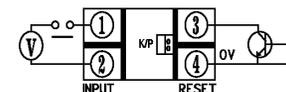
Non-voltage contact closure / NPN open collector



PNP, Hi (6-24Vdc)
Low (4-0 Vdc)



Input: Voltage, AC/DC 90-240V input
Reset: Non-voltage contact closure / NPN open collector



To disable the reset button, open the K/P jumper at the rear of the counter.