DELTA ELECTRONICS, INC.

CTA

CTA Timer/Counter/Tachometer

Features

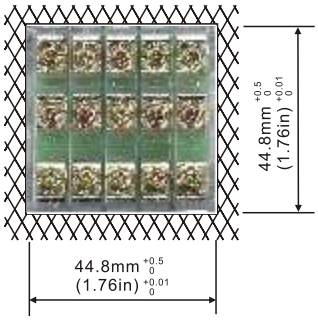
- 3-in-1 timer/counter/tachometer
- Mixed timer + counter function
- 6-digit LCD display
- Maximum speed of the counter: 10Kcps
- NPN or PNP input signals available
- Pre-scale function
- Counting types: 1-stage, 2-stage, batch, total, dual

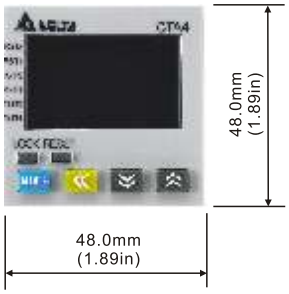


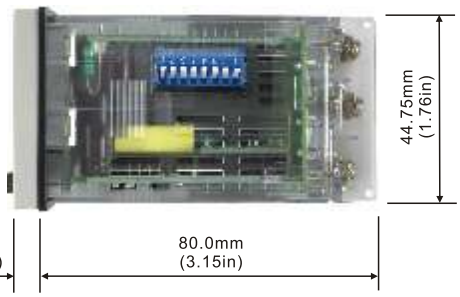
www.delta.com.tw/industrialautomation

Dimension











Specification

Power input	AC100~240V, 50/60Hz
Input voltage range	85% to 110%, rated voltage
Power consumption	Less than 10VA
External power supply	12dc ±10%, 100 mA
Display	Double-line, 6-digit negative transmissive LCD display
Input signal	Non-voltage input (NPN): ON impedance 1K ohm max. ON residual voltage: 2V max.
	Voltage input (PNP): High level: 4.5 to 30Vdc, Low level: 0 to 2Vdc
Output 1	Relay: SPST max.250Vac, 5A (resistance load)
	Transistor: NPN open collector. When 100mA /30Vdc, residual voltage = 1.5Vdc max.
Output 2	Relay: SPDT max.250Vac, 5A (resistance load)
	Transistor: NPN open collector. When 100mA /30Vdc, residual voltage = 1.5Vdc max.
Dielectric strength	2000Vac 50/60 Hz for 1 minute
Vibration resistance	Without damage: 10 ~ 55Hz, amplitude = 0.75mm, 3 axes for 2 hours
Shock resistance	Without damage: drop 4 times, 300m/s^2, 3 edges, 6 surfaces and 1 corner
Ambient temperature	0 °C to +50 °C
Storage temperature	-20 °C to +65 °C
Altitude	2000m or less
Ambient humidity	35% to 85% RH (non-condensing)
Pollution degree	2

Ordering Information

CTA 4 0 0 0 A

1 2 3 4 5

1 Panel size	4 : 48mmX48mm
2 Output 2	0 : Transistor ; 1 : Relay
3 Preset stage	0 : 2 stages
4 Communication	0 : None
5 Power supply	A : AC100~240V

*We reserve the right to change the information in this catalogue without prior notice

DELTA ELECTRONICS, INC.

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