

# CTA

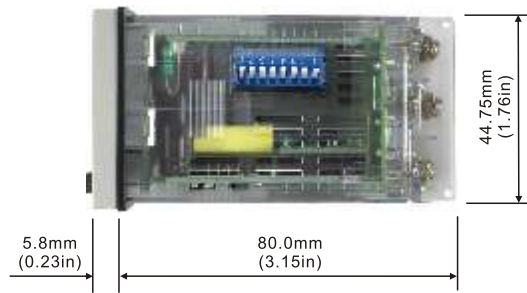
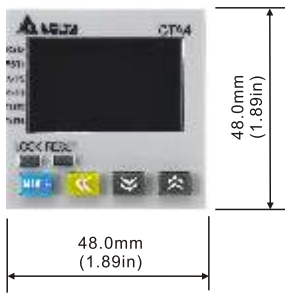
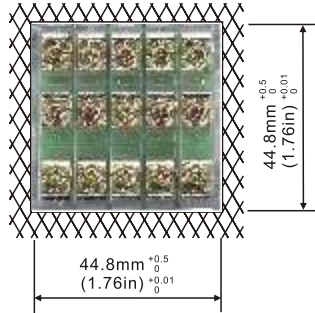
## CTA Timer/Counter/Tachometer

### 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



## 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 $\pm$ 10%, 100 mA  |
| Display               | Double-line, 6-digit negative transmissive LCD display                                  |
| Input signal          | Non-voltage input (NPN): ON impedance 1K ohm max.<br>ON residual voltage: 2V max.       |
|                       | Voltage input (PNP): High level: 4.5 to 30Vdc,<br>Low level: 0 to 2Vdc                  |
| Output 1              | Relay: SPST max.250Vac, 5A (resistance load)  |
|                       | Transistor: NPN open collector.<br>When 100mA/30Vdc, residual voltage = 1.5Vdc max.     |
| Output 2              | Relay: SPDT max.250Vac, 5A (resistance load)  |
|                       | Transistor: NPN open collector.<br>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,<br>3 axes for 2 hours                    |
| Shock resistance      | Without damage: drop 4 times, 300m/s <sup>2</sup> , 3 edges,<br>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   |



Sold by AA Electric : 1-800-237-8274

- Lakeland, FL
- Lawrenceville, GA
- Greensboro, NC
- East Rutherford, NJ

Web : [www.A-Aelectric.com](http://www.A-Aelectric.com)  
Email : [njsales@a-aelectric.com](mailto:njsales@a-aelectric.com)

## Ordering Information

|  |                 |                            |
|--|-----------------|----------------------------|
| <br><b>4 0 0 0 A</b><br><b>1 2 3 4 5</b> | 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             |