Delta - CTA - Timer / Counter / Tachometer *(Panel mount 48 x 48 mm²)*

CTA 3-in-1 Timer/Counter/Tachometer is able to receive external input signals and calculate the times of events, frequency and speed. The CTA unit can be applied to batch counting, total counting, length measurement.

- External power supply: 12 VDC ±10%, 100mA *(integrated power supply)*
- Display: Double-line, 6-digit negative transmissive LCD display
- Input signal: Non-voltage input (NPN) / Voltage input (PNP)
- Output 1:   Relay: SPST max.250 VAC, 5A + Transistor: NPN open collector.
- Output 2:   Relay: SPDT max.250 VAC, 5A *(or)* Transistor: NPN open collector.

- Easy DIP switch setup:

Timer	-	timing up or down 0.01 sec - 999.999 hours on-delay, interval, repeat *(power on, pulse on, pulse off)*
Counter	-	counting up or down 1 or 2 stage, batch, total, dual counting *(speed selection: 1/30/200/3k/5k/10k Cps)*
Tachometer	-	measurement in Hz *(can be configured to read RPM)*

type	description	output 2	RS-485	supply	
CTA4100A	multi-function timer-counter-tachometer	relay	no	100 - 240 VAC	
CTA4000A	multi-function timer-counter-tachometer	transistor	no	100 - 240 VAC	
CTA4001A	multi-function timer-counter-tachometer	transistor	yes	100 - 240 VAC	
CTA4100D	multi-function timer-counter-tachometer	relay	no	24 VDC	
CTA4001D	multi-function timer-counter-tachometer	transistor	yes	24 VDC	

CTA4100A

Lovato - Panel mounting timers   *(48 x 48 mm²)*   *Changeover relay (5A 250 VAC)*

- Multi-voltage: 24 VAC/DC, 110, 240 VAC
- Housing: 8-pin plug-in housing

On-delay timer - delay on make   *(relay switches after preset time elapses)*

- Multi-time range, multi-voltage, on-delay panel mount electronic timer

		time range
L48TPS240	on-delay multi-range/voltage panel mount electronic timer	3/12/100/780sec
L48TPM240	on-delay multi-range/voltage panel mount electronic timer	3/12/100/780min

Two changeover relays *(one configurable for instantaneous switching)*

- Multi-range, single voltage, on-delay panel mount electronic timer

L48TPBM240	on-delay multi-time range panel mount electronic timer	1s/10s/1min/10min

Accessories for above L48 series panel mount timers

ES8CNER	8 pin surface/DIN rail mounting relay socket for L48 timers	*(screw terminals)*
P3G08	8 pin socket for panel mounting L48 timers *(rear terminals)*	*(screw terminals)*
D-48Y	flush-mounting bracket for panel mounting above L48 timers	

L48TP...

CDC - Electromechanical timing devices *(motorised)*

Multi-range motorised timers 6/60sec - 6/60min - 6/60hrs *(on one timer)*

Surface/DIN rail mount motorised timer

S45/604/B6/02A	1x instantaneous + 1x delay multi-range motorised timer		24 VAC
S45/604/B6/11A	1x instantaneous + 1x delay multi-range motorised timer		110 VAC
S45/604/B6/22A	1x instantaneous + 1x delay multi-range motorised timer		220 VAC

Flush/panel mount motorised timer

S48/704/B6/02A	1x inst + 1x delay multi-range motorised timer	p/mount 48 mm²	24 VAC
S48/704/B6/11A	1x inst + 1x delay multi-range motorised timer	p/mount 48 mm²	110 VAC
S48/704/B6/22A	1x inst + 1x delay multi-range motorised timer	p/mount 48 mm²	220 VAC
1400/704/B6/22A	1x inst + 1x delay multi-range motorised timer	p/mount 72 mm²	220 VAC

S48/704/B6/...

Accessories

L48P8	rear connected 8 pin screw terminal socket	for S48/1400 timers

Finder - Asymmetrical timer   *(up to 300hrs)*   *(use **L48P8** for termination)*

889202400000	2 pole	panel mount asymmetrical flasher	240 VAC

1400/704/B6/11A

EM - Mechanical clockwork timers - panel mount   *16 A 250 VAC (1NO + 1NC)*

- Mounting by 2 x M4 screws
- Supplied with graduated dial + knob

type	Amps	contact	time range	description
XTI2049	16A	1NO + 1NC	60 min	MI2 mechanical clockwork timer
XTI2048	16A	1NO + 1NC	120 min	MI2 mechanical clockwork timer
XTI2045	16A	1NO + 1NC	12 hour	MI2 mechanical clockwork timer
XTI15163 *	16A	1NO + 1NC	24 hour	MI5 mechanical clockwork timer

* *Requires separate supply for 220V internal motor*

XTI15163

Above prices do not include VAT. E&OE