



CTA4100A

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

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)

		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
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| L48TPBM240 | on-delay multi-time range panel mount electronic timer | 1s/10s/1min/10min |
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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 mm ²	24 VAC
S48/704/B6/11A	1x inst + 1x delay multi-range motorised timer	p/mount 48 mm ²	110 VAC
S48/704/B6/22A	1x inst + 1x delay multi-range motorised timer	p/mount 48 mm ²	220 VAC
1400/704/B6/22A	1x inst + 1x delay multi-range motorised timer	p/mount 72 mm ²	220 VAC

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
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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



S48/704/B6/...



1400/704/B6/11A



XTI15163