

## Counters / Timers

## CT1-6D2 Timer/counter

**Programmable digital counter/timer.**

Digits: 6 digit LED. 2 presets.  
 Power supply: 240Vac.  
 Output: 2 x Relay SPDT. 3A, 250Vac.  
 Sensor power: 12Vdc, 60mA.

**Counter.....**

Mode: Up count.  
 Reset: External, Auto, Manual.  
 Pre-scale: 000.000~999.999  
 Input: Contact. 30 Hz max.  
 Solid state. 6~30Vdc. 3k Hz max.

**Timer.....**

Mode: On delay.  
 Reset: External, Auto, Manual.  
 Input: External gate for timer hold.  
 Ranges: 4 selectable ranges,  
 9999H59M, 9999M59S, 99999.9S, 999.999S

MODEL	SIZE	PRICE
CT1-6D2	96 x 48	\$278.00

## CT3-4D2 Timer/counter

**Programmable digital counter/timer.**

Digits: 4 digit LED. 2 presets.  
 Power supply: 240Vac.  
 Output: 2 x Relay SPDT. 3A, 250Vac.  
 Sensor power: 12Vdc, 20mA.

**Counter.....**

Mode: Up count.  
 Reset: External, Auto, Manual.  
 Pre-scale: 000.000~999.999  
 Input: Contact. 30 Hz max.  
 Solid state. 6~30Vdc. 3k Hz max.

**Timer.....**

Mode: On delay.  
 Reset: External, Auto, Manual.  
 Input: External gate for timer hold.  
 Ranges: 4 selectable ranges,  
 99H59M, 99M59S, 999.9S, 99.99S

MODEL	SIZE	PRICE
CT3-4D2	48 x 48	\$185.00

## TC-49 Timer/counter

**Programmable digital counter/timer.**

Digits: 6 digit LED.  
 Power supply: 110/240Vac.  
 Sensor power: 12Vdc, 50mA.

**Counter.....**

Mode: 7 counting versions.  
 Reset: External.  
 Input: Contact. 30 Hz max.  
 Solid state. 3k Hz max.

**Timer.....**

Mode: Up  
 Reset: External.  
 Input: Contact.  
 8 Ranges: From 99H59M59S to 999.999S

MODEL	SIZE	PRICE
TC-49	96 x 48	\$195.00

**Counters / Timers**

**Programmable digital counter.**

Digits: 6 digit LED. 1 preset.  
 Power supply: 110/220Vac.  
 Mode: Up/down/reversible.  
 Reset: Panel/remote, Auto/man.  
 Input: Contact. 30 Hz max.  
           Solid state. 3k Hz max.  
 Output: Relay SPDT. 3A, 250Vac.  
 Sensor power: 12Vdc 50 mA.

**H7N-6DM**

**Counter.**



MODEL	SIZE	PRICE
<b>H7N-6DM</b>	72 x 72	\$260.00

**Programmable digital counter.**

Digits: 5 digit LED. 1 preset.  
 Power supply: 220Vac.  
 Mode: Up count.  
 Reset: Panel, Auto/man.  
 Input: Contact. 30 Hz max.  
           Solid state. 3k Hz max.  
 Output: Relay SPDT. 3A, 250Vac.  
 Sensor power: 12Vdc 20 mA.

**H7K-525U**

**Counter.**



MODEL	SIZE	PRICE
<b>H7K-525U</b>	48 x 48	\$200.00

**Analogue timer.**

Power supply: 220Vac.  
 Mode: 1 preset. On delay.  
 Start/reset: Power on/off.  
 Ranges: 4 selectable ranges, 6 sec, 60 sec, 6 min, 60 min.  
 Relay rating: 3A, 250Vac.  
 Price includes 8 pin base.

**H2K**

**Timer**



- H2K1** 1 timed SPDT.
- H2K2** 1 timed DPDT.
- H2K3** 1 timed SPDT. 1 instant SPDT.

MODEL	SIZE	PRICE
<b>H2K-</b>	48 x 48	\$36.00

**Digital timer.**

Digits: 5 digit LED. 1 preset.  
 Power supply: 220Vac.  
 Mode: On delay.  
 Start/reset: Power on/off.  
 Input: External gate for timer hold.  
 Output: Relay SPDT. 3A, 250Vac.  
 Ranges: 4 selectable ranges,  
           999.99S, 999M59S,  
           9H59M59S, 999H59M.

**H5K-525U**

**Timer**



MODEL	SIZE	PRICE
<b>H5K-525U</b>	48 x 48	\$185.00

**Programmable digital timer.**

Digits: 6 digit LED. 1 preset.  
 Power supply: 110/220Vac.  
 Timing: Up/down.  
 Mode: 8 operation modes.  
 Start/reset: Panel/remote, Auto/man.  
 Input: External gate for timer hold.  
 Output: Relay SPDT. 3A, 250Vac.  
 Ranges: 8 selectable ranges, from 99H59M59S to 999.999S.

**H5N-6DM**

**Timer**



MODEL	SIZE	PRICE
<b>H5N-6DM</b>	72 x 72	\$230.00



[www.trumeter.com/7111](http://www.trumeter.com/7111)

### Trumeter

#### Model 7111 and Model 7111 HV Self-powered totalising counters.

Display:	8 digit LCD.	
Power supply:	Battery powered.	
Reset:	Manual or remote.	
Protection:	Front panel IP65.	
Size:	24 x 48 mm.	
MODEL	DESCRIPTION	PRICE
7111	<b>Model 7111 Self-powered totalising counter. Bi-directional: count up.</b> Low speed count input: Contact/open collector. 30Hz max. High speed count input: Electronic. 10kHz max.	\$80.00
7111 HV	<b>Model 7111 HV Self-powered totalising counter. Bi-directional: add/subtract.</b> Direction input: Connection or electronic. High speed count input: Electronic. 10kHz max. High voltage input trigger: 10~240Vac / 5~110Vdc.	\$113.00
OPTION		
7111 QUAD	<b>Model 7111 QUAD Quadrature signal compatible.</b> Converts the signal from a quadrature output sensor such as a shaft encoder into count and direction signals. No count loss or gain in forward or reverse motion.	\$120.00



[www.trumeter.com/7511](http://www.trumeter.com/7511)

### Trumeter

#### Model 7511 and Model 7511 HV Self-powered hours run and totalising timers.

Display:	8 digit LCD.	
Power supply:	Battery powered.	
Control:	Remote start/stop control of timing by contact closure.	
Reset:	Remote reset by contact closure. Front panel reset enable/disable by link.	
Protection:	Front panel IP65.	
Size:	24 x 48 mm.	
MODEL	DESCRIPTION	PRICE
7511	<b>Model 7511 Hours run / totalising counter.</b> 4 timing modes: Seconds, Minutes & Seconds, Hours 1/100ths or Hours & Minutes. Times up or down. Standard plug in connector with colour coded flying leads.	\$80.00
7511 HV	<b>Model 7511 HV</b> High voltage input: 10~240Vac / 5~110Vdc.	\$113.00



[www.intech.co.nz/7922](http://www.intech.co.nz/7922)

### Trumeter

#### Model 7922 – Programmable predetermining counter. (Replaces Model 7921).

User programmable to operate as a predetermining up/down counter.		
Display:	2 rows of 6 digit LCD with backlighting.	
Power supply:	85~265Vac, 10~26Vdc. Sensor power: 12Vdc ± 10% @ 100mA (when operating from AC supply).	
Protection:	Front panel IP65. Size: 48 x 48 mm.	
Prescaler:	Mult, 0.00001~9.99999. Divide, 1~99999.	
Reset:	Manual or remote.	
MODEL	DESCRIPTION	PRICE
7922	<b>Model 7922 – Programmable predetermining counter.</b> 2 presets or 1 preset and batch. Bi-directional, up/down counter with prescaler. Input: NPN or PNP, Quadrature and uni-directional. Selectable rates for input A and B, 10kHz max. Output: 2 Relays, 5A 260Vac / 30Vdc. Programmable for pulsed or latched, n/o or n/c.	\$365.00

**Trumeter****Model 9100 – Multi-function counter/ratemeter.**

Simultaneously maintains any of the following:

**Count preset, Count pre-warn, Batch preset, Over-speed, Under-speed condition.**

And displays:

**Count, Total and Speed.**

Counts in any of 7 modes: A-B, A+B, A/B, count and direction and quadrature x1, x2 & x4. Counting continues while rate measurement is in progress.

3 line supertwist LCD backlit display viewable from any angle.

CAN bus/Device net interface as an option.

Power supply: 85~260Vac. Sensor power: 12Vdc, 100mA.  
 Protection: Front panel IP65. Size: 72 x 72 mm.  
 Rate input: 8~30Vdc. max. 10kHz. min 0.078Hz. (1 pulse per 12.8sec).  
 Rate mult: 0.00250~9.99999.  
 Prescaler: Mult, 0.00250~9.99999. Divide, 1~99999.  
 Reset: Manual, remote and automatic.  
 Control inputs: External reset, count inhibit, keyboard disable.  
 Output: 3 relays, programmable for pulsed, latched or disable.  
 SPST, 5A 260Vac.



[www.trumeter.com/9100](http://www.trumeter.com/9100)

MODEL	DESCRIPTION	PRICE
9100	Model 9100 – Multi-function counter/ratemeter. Multi-preset.	\$530.00

**Trumeter****Model 7932 – Programmable predetermining counter/timer.**

User programmable to operate as a preset up/down timer.

Display: 2 rows of 6 digit LCD with backlighting.  
 Power supply: 85~260Vac, 10~30Vdc.  
 Sensor power: 12Vdc 100mA.  
 Timing ranges: (a) 0.01 seconds, (b) seconds, (c) minutes,  
 (d) hours and hundredths, (e) hours and minutes.  
 Count range: 0~999999.  
 Input: 12~240V.  
 Reset: Manual, automatic or 12~240V.  
 Protection: Front panel IP65.  
 Size: 48 x 48 mm.  
 Output: Relay, SPDT, 5A 260Vac. 150W 30Vdc.

MODEL	DESCRIPTION	PRICE
7932	Model 7932 – Programmable predetermining counter/timer. Single preset.	\$325.00



[www.intech.co.nz/7932](http://www.intech.co.nz/7932)

**Kubler****CODIX 52U – Electronic Totaliser / Ratemeter.**

Multiplication and division factor (0.0001 to 99.9999).

Programmable decimal point between 0.0 and 0.000.

Programmable delay until 0 is displayed.

Display in 1/min or 1/sec.

Display: 6-digit 7-segment red LED display: figures 8 mm high.  
 Power supply: 10~30Vdc supply, max. 50 mA.  
 Data retention: EEPROM.  
 Housing: Dimensions 48 x 24 mm, IP65.  
 Programmable: npn or pnp inputs.  
 Input resistance: approx. 5 kW.  
 Count frequency: 30Hz to 60kHz max.

MODEL	DESCRIPTION	PRICE
Codix 52U	Codix 52U – Electronic Totaliser / Ratemeter. Standard plug in connector with colour coded flying leads.	\$290.00



[www.intech.co.nz/codix52u](http://www.intech.co.nz/codix52u)