

# 6/8 DIGITS PROGRAMMABLE COUNTER

## CTEC604



### FEATURES

- 6 Digits Display (No relay output)
- 8 Digits Display
- Encoder signal input (UP & DOWN type).
- Ability of match calculation; add, subtract, divide (1 - 999), multiply (1 - 999, Only no relay output type), Etc.
- RS-485/RS-232 output (Option).
- Dual setting relay output (Option).
- Relay acting time: 1.0 ~ 99.9 seconds.
- DIN Size 96 x 48mm

### Specifications

Display	6 Digits (999999) 0.56" (14.2mm), Red LED (FDM-41) 8 Digits (99999999) 0.4" (10.1mm), Red LED (FDM-51)
Conversion rate (about)	3/sec.
Sensor power supply	DC 12V ± 10% 30mA
Operating temp.	0 ~ 60°C
Storage temp.	-10 ~ 70°C
Max. relative humidity	95%
Dielectric strength	AC 2KV/1 min. (input / power / case)
Surge test	4KV/1.2 x 50µs, IEC 255-4
Aux. power	AC 90 ~ 260V 50/60 Hz DC 24V, 48V, 110±20% (option)
Power consumption	AC 3.5VA, DC 3W
Weight (about)	270g
Data back-up time	1000 Hours
Max. count speed	1.2KHz
Relay contact output	AC 120V/3A, DC 30V/3A
Protocol	Modbus (RTU)
Baud rate	9600, 19200
Address	1 ~ 255
Comparative modes	5 modes

### Ordering Information

**6 digits CTEC604-6**     (No relay output: one display window)

**8 digits CTEC604-8**

NO.	COUNTER TYPE	NO.	INPUT	NO.	AUX. POWER	NO.	OUTPUT 1	NO.	OUTPUT2
U	UP	1	TTL (5V) CMOS (15V)	1	AC 90~260V	N	NONE	N	NONE
D	DOWN	2	NPN (12V)	A	DC 24V	A	RS-485	1	SETTING RELAY
Y	UP & DOWN	3	PNP (12V)	B	DC 48V	B	RS-232		
		4	RELAY	C	DC 110V	Y	OPTION		
		Y	OPTION	Y	OPTION				