

# PROGRAMMABLE 3Ø VOLTAGE CURRENT METER

## CTEC01



### FEATURES

- 3 screens 4 digits display (9999), Easy to read
- Measuring 3 phase ACA, ACV and DC 4-20mA
- Front-panel digital scaling and offset
- RS485/232 interface or DC 4-20mA output

### Specifications

Display	4 digits display (9999) 0.56" (14.2mm), Red LED
Accuracy	±0.2% F.S ± 2 digits (for sine wave) ±0.1% RD ± 1 digits (for DC mA)
Output Accuracy	± 0.2% RO
Input range	AC 1.0V~600.0V; AC 10mA – 9.999A
CT. PT scaling range	1 ~ 9999
Input over capability	Current 10A continuous 50A for 5 sec. Voltage AC 750V continuous
Conversion rate	≤ 1/sec.
Input burden	Current ≤0.2V A per phase Voltage ≤ 0.2 V A per phase
Frequency range	45~65Hz for AC input
Operating temp.	0 ~ 60°C
Storage temp & humidity	-10~70°C, <95%RH
Temp. coefficient	≤ 100PPM/°C (≤ 60PPM/°C, 25°C ± 10°C)
Dielectric strength	AC 2KV/1 min. (input / output / power) AC 2.8 KV/1 min. (input, output, power / case)
Surge test	4KV/1.2 x 50μs, IEC 255.4
Aux. power	AC 115V/230V ± 10%. 50/60 Hz DC 24V, 48V, 110V±20% (option)
Power consumption	≤ AC 3.5VA, DC 3W
Dimension	110(W) x 110(H) x 135(D) mm
Weight (about)	660g
Protocol	MODBUS (RTU)
Baud rate	9600, 19200
Address	1 ~ 255

### Ordering Information

CTEC01-    (Please Remark Display Range)

NO.	OUTPUT	NO.	INPUT	NO.	AUX. POWER
N	NONE	1	AC 0~150.0V	1	AC 115/230V
1	DC 4~20mA ≤ 500 Ω	2	AC 0~300.0V	A	DC 24V
2	DC 0~10V ≤ 1M Ω	3	AC 0~600.0V	B	DC 48V
A	RS 232	4	AC 0~5.000A	C	DC 110V
B	RS 485	5	DC 4~20mA	Y	OPTION
Y	OPTION	Y	OPTION		