VTEKE®

PANEL METERS
EA-C4 ENERGY ANALYZER

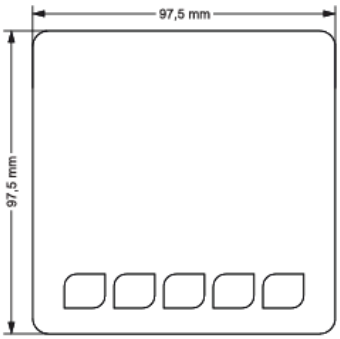
FEATURES

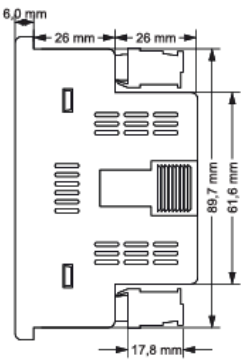
PARAMETER	VALUE
Total Harmonics Distorition	THD-V, THD-I
Voltage Harmonics	Up to 31st harmonics (L-N and L-L]
Current Harmonics	Up to 31st harmonics
Active Power	P1, P2, P3
Reactive Power	Q1, Q2, Q3
Apparent Power	S1, S2, S3
Power Factor	True PF, cos φ (of each phase)
Voltage	phase-to-phase, phase-to-neutral (min, max & average values are saved)
Current	I1, I2, I3 (min, max & demand are saved)
Frequency	F1, F2 ,F3 (min, max & average)
Energy	∑kWh (import & export) ∑kVARh (inductive & Capacitive)
Relay Output	Adjustable
Irregularties	voltage and current İmplances
Screen	71.5 X 61.5 Custom Design Glass LCD
Communication	RS485 Modbus RTU
Memory	You can delete energies and demands records
Password	Menu is password protected



TECHNICAL DATA

PARAMETER	VALUE
Operating Voltage	85V - 240 AC
Operating Frequency	50 / 60 Hz
Operating Power	<10VA
Operating Temperature	-20°C.....55°C
Input Voltage (L-N)	5V - 330V AC
Voltage Measuring Range	5V - 330kV
Input Current	1mA - 5,5A
Current Measuring Range	1mA - 50.000A
Voltage, Current, Accuracy	%±0.5
Active Energy Accuracy	%±1
Reactive Energy Accuracy	%±2
Supported Connection	3P3W
Current Transformer Ratio	1....1000
Voltage Transformer Ratio	1,0....9999
Harmonic Voltage	3 – 31
Harmonic Current	3 – 31
Communication	RS485 Modbus RTU Baudrate: 1200bps-38400bps Stop Bit: 1 or 2; Parity: None, Even, Odd
Contact input	3A / 250V AC [Resistive Load]
Weight	<300Gr
Protection Class	IP54[Front Panel], IP20[Body]
Panel Hole Measurement	91mm x 91mm
Connection Type	Plug-in Terminal Connection
Cable Diameter	1.5mm²





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CONNECTION DIAGRAM

