VTEKE®

PANEL METERS
EA-C1 ENERGY ANALYZER

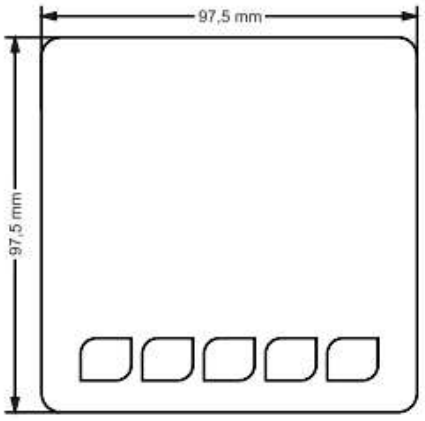
FEATURES

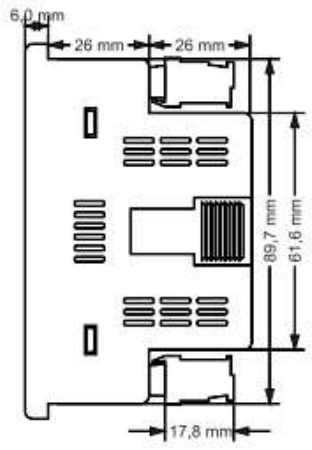
PARAMETER	VALUE
Total Harmonics Distorition	THD-V, THD-I
Voltage Harmonics	Up to 31st harmonics (L-N and L-L]
Current Harmonics	Up to 31st harmonics
Active Power	P1, P2, P3
Reactive Power	Q1, Q2, Q3
Q	S1, S2, S3
Power Factor	True PF, cos φ (of each phase)
Voltage	phase-to-phase, phase-to-neutral (min, max & average values are saved)
Current	I1, I2, I3, ΣI (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
Communication	RS485 Modbus RTU
Memory	You can delete energy values, demands, records and event logs.
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 - 330VAC
Voltage Measuring Range	5V - 330kV
Input Current	10mA - 5,5A
Current Measuring Range	10mA - 5500A
Voltage, Current, Accuracy	%±0.5
Active Energy Accuracy	%±1
Reactive Energy Accuracy	%±2
Supported Connection	3P4W
Current Transformer Ratio	1....1000
Voltage Transformer Ratio	1,0....9999
Harmonic Voltage	3 – 31
Harmonic Current	3 – 31
Weight	<300Gr
Protection Class	IP41[Front Panel], IP20[Body]
Panel Hole Measurement	91mm x 91mm
Connection Type	Plug-in Terminal Connection
Cable Diameter	1.5mm²
Mounting	Assembly to panel front cover
Working Altitude	<2000 meter





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CONNECTION DIAGRAM

