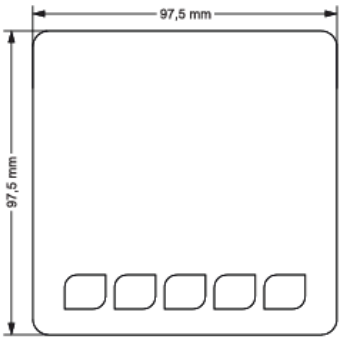
VTEKE®

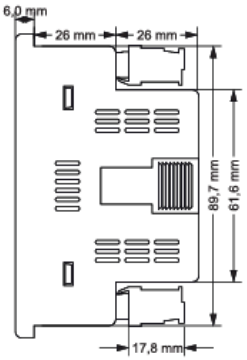
PANEL METERS
EA-C5 ENERGY ANALYZER

FEATURES

PARAMETER	VALUE
Total Harmonics Distorition	THD-V, THD-I
Voltage Harmonics	Up to 55st harmonics (L-N and L-L]
Current Harmonics	Up to 55st harmonics
Active Power	P1, P2, P3, ΣP
Reactive Power	Q1, Q2, Q3, ΣQ
Q	S1, S2, S3, ΣS
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	2 Relay outputs (adjustable), 1 digital input
Irregularties	voltage and current İmplances
Screen	71.5 X 61.5 Custom Design Glass LCD
Communication	RS485 Modbus RTU
Event logs	High voltage, low voltage, power interruption, Voltage and current implances, high current, THD-V & THD-I limits
Real time Clock	Date and time can be set
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)	1V - 330VAC
Voltage Measuring Range	1V - 600kV
Input Current	1mA - 5,5A
Current Measuring Range	1mA - 50.000A
Voltage, Current, Accuracy	%±0.2
Active Energy Accuracy	%±0.5
Reactive Energy Accuracy	%±1
Supported Connection	3P4W
Current Transformer Ratio	1....5000
Voltage Transformer Ratio	1,0....9999
Harmonic Voltage	3 - 55
Harmonic Current	3 - 55
Real Time Clock	> 5 Year
Contact Output	2A / 250V AC [Resistive Load]
Digital Input	9V - 24V DC
Protection Class	IP41[Front Panel], IP20[Body]
Panel Hole Measurement	91mm x 91mm
Cable Diameter	1.5mm²

PANEL METERS
EA-C5 ENERGY ANALYZER

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CONNECTION DIAGRAM

