VTEKE®

PANEL METERS
EA-4 DIN ENERGY ANALYZER

FEATURES

PARAMETER	VALUE
Screen	53x31mm Custom Design Glass LCD
Voltage Harmonics	Up to 31st harmonics
Current Harmonics	Up to 31st harmonics
Connection	Supports 3P4W connections
Communication	RS485 Modbus RTU
Active Power	P1, P2, P3
Reactive Factor	Q1, Q2, Q3
Q	S1, S2, S3
Power Factor	
Voltage	phase-to-phase, and phase-neutral voltages min, max & average values are saved
Current	I1, I2, I3
Energy	∑kWh (import & export) ∑kVARh (inductive & Capacitive)
Relay Output	Relay output (adjustable), digital input
Irregularties	Voltage and current
Memory	You can delete energy values, and demants logs.
Password	Menu is password protected



TECHNICAL DATA

Operating Voltage	85V - 240V AC
Operating Frequency	50 / 60 Hz
Operating Power	<10VA
Operating Temperature	-20°C.....55°C
Voltage Inputs	5V -330V AC
Voltage Meas. Range	5V - 330kV
Current Input	10mA - 5.5A
Current Meas. Range	10mA - 5.500A

PANEL METERS
EA-4 DIN ENERGY ANALYZER

VTEKE®

TECHNICAL DATA

PARAMETER	VALUE
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....999,9
Harmonic Voltage Meas.	3 - 31
Harmonic Current Meas.	3 - 31
Communication	RS485 MODBUS RTU
Baudrate	1200bps - 19200bps
Stop Bit	1 or 2
Parity	None, Even, Odd
Display	53 x 31mm Glass LCD
Relay Output	2x 3A/250VAC (Resistive Load)
Digital Input	1x 9V - 24VDC
Weight	<300Gr
Protection Class	IP20
Panel Hole Sizes	91mm x 91mm
Connection Type	Plug-in terminal connection
Cable Diameter	1.5mm²
Mounting	Front panel mountings
Operating Altitude	<2000meters



