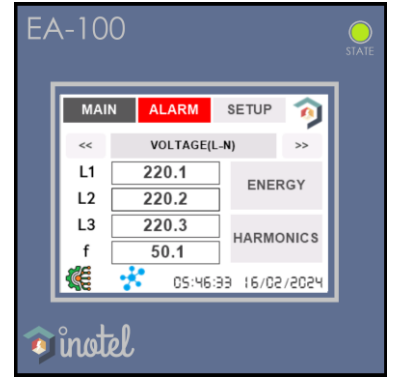


ENERGY ANALYZER

EA-100E

Designed for use in measuring energy, voltage, current, instantaneous power values, current and voltage harmonics, EA 100 is a microprocessor controlled energy analyzer with a Modbus Communication port for transferring information to the Scada system/RTU, providing precise measurement, with a touch screen, and compliant with the relevant upper specifications.



FEATURES

Supply Voltage	80-364VAC
Consumption	≤8.8VA
Measuring Range	30-270VAC(L-N) 30-500VAC(L-L) 10mA-5A AC
Working Temperature	-25°C...+70°C
Storage Temperature	-30°C...+70°C
Protection Class	IP30&IK-07
Accuracy	%0,5
Current	In:5A/1A
Frequency	40-60Hz
Harmonics	Until 31(Odd numbers)

FUNCTIONS

Application	Phase-Neutral Voltage Measurement Phase- Phase Voltage Measurement Current Measurement Instantaneous Power Measurement Energy Measurement Current and Voltage Harmonic Measurement
Communication	MODBUS(RS485) TCP/IP
RTC	Available
Event Log	Up to 15 alarms can be stored in memory

CONNECTION INTERFACES

Analog Input	3xIn 3xPhase,1xNeutral
RS485	1 Port
TCP/IP	1 Port
Digital Input	1 Port
Digital Output	2 Port

DIMENSIONS

Height x Width x Depth	96x96x72mm
Weight	325 gr.
Assembly	Panel Type

TESTING & CERTIFICATION

Compatibility Tests	EN 61010-1 EN 61000-4-3 EN ISC 61326-1 EN 55011
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HMI TOUCH PANEL

Display	2.8" TFT-LCD Touch Display
Menus	Main Page, Alarm, Harmonics, Energy Measurement, Setup
Functions	Protection, communication and input-output parameter settings Real-time recording and monitoring of alarm situations Monitoring 33 pieces of data and current/voltage harmonics of each phase

