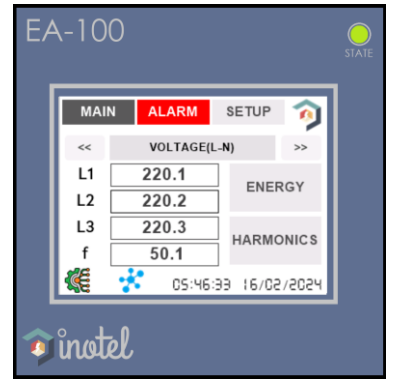


ENERGY ANALYZER

EA-100R

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)
RTC	Available
Event Log	Up to 15 alarms can be stored in memory

CONNECTION INTERFACES

Analog Input	3xIn 3xPhase,1xNeutral
RS485	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