



ЭЛЕКТРОННАЯ ПРОДУКЦИЯ > ПРОДУКТЫ УПРАВЛЕНИЯ ЭНЕРГИЕЙ >
АНАЛИЗАТОРЫ ЭНЕРГИИ

ECRAS 301

Артикул (SKU): 606501

3Ø электронный мультиметр

Коммерческая информация

Код продажи продукта	606501
Единица Упаковки	1 шт.
Номер таможенного тарифа	903032009011

Техническая информация

General	
Lcd Screen	-
Language Support	English
Password Protection	+
Networks	TT, TN, IT
Signal Waveforms	-
Connection Type	3P4W, 3P3W
Battery	-
Real Time Clock	-
Demand Period	-
Packaging Quantity	1
Seven Segment Display	
Without Screen	

Minmax Data	+
Demand Data	
Ghost Screen	+
Phasor Diagram Display	
Screen Refresh Period	1sn
Number Of Samples In The Period	

Energy Measurement

3 Phase Energy Measurement	+
Number Of Tariffs	
Number Of Sub Tariffs	
1 Energy Measurement	+
Number Of Reactive Measurement Zones	4

Current Measurement Input

Measuring Range	50mA-6A AC
Overvoltage Category	300 V Cat II
Voltage Fluctuation Measurement	<2 kV
Power Consumption	<0.2 VA
Intermittent Overload	100 A for 1 sec
Sampling Frequency Between 45 65 Hz	

Voltage Measurement Input

Overvoltage Category	300 V Cat III
Measuring Range L N	10-300 Vrms
Measuring Range L L	17-500 Vrms
Frequency Measuring Range	45-65 Hz
Power Consumption	<0.1 VA
Sampling Frequency Between 45 65 Hz	

Power Quality Measurements

Harmonic Measurement Current And Voltage	-
Thdi	-

Thdv	-
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Measuring Accuracy Iec 61557 12

Total Active Power	-
Total Reactive Power	-
Total Reactive Energy	-
Frequency	Class 0.2
Current	Class 0.5
Neutral Current	Class 0.5
Voltage	Class 0.5
Power Factor	-
Thdv Thdi	-
Total Apparent Power	-
Total Active Energy	-

Measuring Accuracy Iec 62053 22

Total Active Energy	-
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Measuring Accuracy Iec 62053 23

Total Reactive Energy	-
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Alarm Relay Outputs

Number Of Outputs	2 pcs.
Max Switching Current	10 A
Max Switching Voltage	250 VAC
Max Switching Power	1250 VA

Power Supply

Voltage	85-300V AC - 85-300V DC
Frequency	45-65Hz
Consumption	<3VA AC - <2.5W DC

Mechanical Properties

Weight G	
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Protection Class	IP54
Mounting Type	Panel Mount

Environmental Conditions

Operating Temperature	-25°C +70°C
Storage Temperature	-30°C +80°C
Relative Humidity Non Condensing	Max. 95% (no condensation)

Communication

Protocol	-
Baud Rate	-
Parity	-
Stop Bit	-
Slave Id	-
Isolation	-

Time Recorded Data Storage

Hourly Records	
Daily Records	
Monthly Records	
Demand	
Alarm Records	

Digital Output

Isolation Level	
Number Of Outputs	
Voltage Switching Range	
Minimum Switching Frequency	

Digital Input

Number Of Inputs	
Isolation Level	
Minimum Counting Frequency	

Input Type

Ethernet Interface

Protocol
Port
Gateway Feature
Performance

Analog Output

Output Ranges 0.5 V, 0.10 V, 5.5 V, 10.10V, 0.20 Ma, 4.20 Ma
Isolation

Other Measurements

Operating Time Counter
Open Time Counter
Power Failure Counter

Basic Electrical Measurements

Current	+
Voltage	+
Frequency	+
Active Power	
Reactive Power	
Apparent Power	
Power Factor	
Cos	

Cable Cross Sections Power Supply Voltage Relay

multi-core	2.5mm² - 14AWG
Single Core	4mm² - 12AWG, 2x1.5mm² - 2x16AWG

Cable Cross Sections Current

multi-core	4mm² - 12AWG, 2x1.5mm² - 2x16AWG
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Single Core	4mm² - 12AWG, 2x1.5mm² - 2x16AWG
Cable Cross Sections Digital Inputoutput Rs485 Analog Output	
multi-core	1.5mm² - 16AWG
Single Core	4mm² - 12AWG, 2x1.5mm² - 2x16AWG