

ЭЛЕКТРОННАЯ ПРОДУКЦИЯ > ПРОДУКТЫ УПРАВЛЕНИЯ ЭНЕРГИЕЙ > УПРАВЛЕНИЕ РЕАКТИВНОЙ МОЩНОСТЬЮ



RAPIDUS 111

Артикул (SKU): 606072

Контроллер коэффициента мощности

Коммерческая информация

| | |
|----------------------------------|---------------------|
| Код продажи продукта | 606072 |
| Единица Упаковки | 1 шт. |
| Номер таможенного тарифа | 903289000000 |
| Вес за единицу, включая упаковку | 0.94 kg. |

Техническая информация

CONNECTION DATA

Connection Type **L-L L-N**

General

| | |
|--------------------------------------|-------------------------|
| Measurement System | 1Ø |
| Lcd Screen | + |
| Language Support | Turkish, English |
| Password Protection | + |
| Voltage Transformer Ratio Vtr | 1 - 999.9 |
| Current Transformer Ratio Ctr | 1 - 5.000 |
| Number Of Measurements In One Period | 512 |
| Lcdscreen Refresh Rate | <0.5 sn. |
| Networks | TT, TN, |
| Signal Waveforms | |

Compensation Modes

| | |
|----------------------------|---|
| Rapidus Smart Control Mode | + |
| Manual | + |

Step Configurations

| | |
|-------------------|-----------------------------------|
| Manual Definition | + |
| Predefined | 1-1-1-1, 1-2-2-2, 1-2-4-4 |
| Power Kvar | 0.00-1000 adjustable |
| Type | 3Ø capacitor, 1Ø capacitor |

Power Factor Settings

| | |
|-------------------------------------|--|
| Target 1 Cos | 0.8 cap. to 0.8 ind. adjustable |
| Target 2 Cos | 0.8 cap. to 0.8 ind. adjustable |
| Dual Cos Target | + |
| 4 Quadrant Operation For Generators | + |

Energy Measurement

| | |
|--|--|
| Multiple Sub Tariffs Peak On Peak And Off Peak | |
| 1 Phase Energy Measurement | |
| 3 Phase Energy Measurement | |

Current Measurement Input

| | |
|-------------------------------------|------------------------|
| Measuring Range | 10mA-6A AC |
| Overvoltage Category | 300 V Cat III |
| Voltage Fluctuation Measurement | |
| Power Consumption | <0.2 VA |
| Intermittent Overload | 100A for 1 sec. |
| Sampling Frequency Between 45 65 Hz | 25.6 kHz |

Voltage Measurement Input

| | |
|---------------------------|---------------------------|
| Overvoltage Category | 300 V Cat III |
| Measuring Range L N | 120...510V AC ±10% |
| Measuring Range L L | 120...510V AC ±10% |
| Frequency Measuring Range | 45-65 Hz |

| | |
|-------------------------------------|-------------------|
| Power Consumption | <0.2 VA |
| Sampling Frequency Between 45 65 Hz | 25.6 kHz |

Power Quality Measurements

| | |
|----------------|----------|
| Thd Voltage As | + |
| Thd Current As | + |

Measuring Accuracy Iec 61557 12

| | |
|-----------------------|-------------------|
| Total Active Power | Class 0.5 |
| Total Reactive Power | Class 1 |
| Total Reactive Energy | Class 2 |
| Frequency | Class 0.1 |
| Current | Class 0.5 |
| Neutral Current | Class 0.5 |
| Voltage | Class 0.2 |
| Power Factor | Class 0.5 |
| Thdv Thdi | Class 1 |
| Total Apparent Power | Class 0.5 |
| Total Active Energy | Class 0.5S |

Measuring Accuracy Iec 62053 22

| | |
|---------------------|-------------------|
| Total Active Energy | Class 0.5S |
|---------------------|-------------------|

Measuring Accuracy Iec 62053 23

| | |
|-----------------------|----------------|
| Total Reactive Energy | Class 2 |
|-----------------------|----------------|

Compensation Relay Outputs

| | |
|---------------------------|--------------------------------|
| Number Of Outputs | 12 |
| Type | NO (SPST) |
| Max Switching Current | 2A |
| Max Switching Voltage | 250VAC |
| Max Switching Power | 1250VA |
| Mechanical Operating Life | = 10.0000000 operations |

Electrical Operating Life No Side

5×104(5A@250VAC) 1×105(5A@30VDC)

Alarm Relay Outputs

Number Of Outputs

2

Type

NO (SPST)

Max Switching Current

4A

Max Switching Voltage

250 VAC

Max Switching Power

1250 VA

Mechanical Operating Life

= 10.0000000 operations

Electrical Operating Life No Side

5×104(5A@250VAC) 1×105(5A@30VDC)

Generator Day Night Input

Number Of Inputs

1

Frequency

45-65Hz

Input

95-240VAC

Inputs And Outputs

Digital Outputs

--

Analog Outputs

--

Power Supply

Backup Supply Input

--

Voltage

La-Lb den 120...510V AC ±10%

Frequency

45-65Hz

Consumption

< 10VA

Mechanical Properties

Weight G

Protection Class

Front IP40 - Rear IP20

Mounting Type

Panel Mount

Packaging Quantity

1

Cable Cross Sections

| | |
|---|---|
| Voltage Current All Relay Outputs Generator Input | 2.5mm² with ferrule - 14AWG |
| Rs485 | |

Environmental Conditions

| | |
|----------------------------------|--------------------|
| Operating Temperature | -20°C +55°C |
| Storage Temperature | -30°C +80°C |
| Relative Humidity Non Condensing | Max. 95% |

Emc Emi

| | |
|--------------|-------------|
| En 61000 6 1 | 2011 |
|--------------|-------------|

Diagrams

| | |
|-------------------------|----------|
| Mains Connection | + |
| Step Output Connections | + |