SIEMENS SIMATIC PLC S7-400 6ES7407-0KR00-0AA0 POWER SUPPLY PS407 10A UC 120/230V 5VDC/10A

Our Product Introduction

Basic Information

- Place of Origin: GERMANY
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6ES7407-0KR00-0AA0
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 30*23*7
- Delivery Time: 5-10DAYS
- Payment Terms: L/C, T/T
- Supply Ability: 10PS

Product Specification

- CPU: 412 414 416 417
- Communication: MPI, PROFIBUS, PROFINET
- Dimensions: 230mm X 270mm X 60mm
- Humidity: 5% To 95% (non-condensing)
- Inputs: 24V DC, 24V AC, 110V AC, 230V AC
- Integrated Functions: Real-time Clock, PID Controller, Motion Control, Data Logging, Alarm Handling
- Operating Temperature: 0°C To 60°C
- Outputs: 24V DC, 24V AC, 110V AC, 230V AC
- Power Supply: 24V DC, 110V AC, 230V AC
- Programming: Ladder Logic, Function Block Diagram, Structured Text, Sequential Function Chart
- Type: PLC SIMATIC S7-400
- Weight: 1,472 Kg

More Images

for more products please visit us on plcsimatic.com

Our Product Introduction

Product Description

SIEMENS SIMATIC PLC S7-400 6ES7407-0KR00-0AA0 POWER SUPPLY PS407 10A UC 120/230V 5VDC/10A

Product Name: SIEMENS SIMATIC PLC S7-400 6ES7407-0KR00-0AA0 POWER SUPPLY PS407
Introduction:
The SIEMENS SIMATIC PLC S7-400 6ES7407-0KR00-0AA0 POWER SUPPLY PS407 is a power supply module designed for the SIEMENS SIMATIC S7-400 series programmable logic controllers (PLCs). It provides a stable and reliable power source to the PLC system.
Origin: Germany
Product Specifications:
- Product Name: SIEMENS SIMATIC PLC S7-400 6ES7407-0KR00-0AA0 POWER SUPPLY PS407
- Model: PS407
- Compatibility: SIEMENS SIMATIC S7-400 series
- Input Voltage: 120/230V AC
- Output Voltage: 5V DC
- Output Current: 10A
- Operating Temperature: 0 to 60°C
- Dimensions (W x H x D): Varies depending on the module
- Weight: Varies depending on the module

Product Features:
- Power supply module for the SIEMENS SIMATIC S7-400 series PLCs
- Converts input voltage (120/230V AC) to output voltage (5V DC)
- Provides a stable and reliable power source for the PLC system
- Output current of 10A to meet the power requirements of the system
- Designed for reliable operation in industrial environments
- Compact and space-saving design
- Provides internal diagnostics and LED indicators for monitoring and troubleshooting

Functionality:
- The SIEMENS SIMATIC PLC S7-400 6ES7407-0KR00-0AA0 POWER SUPPLY PS407 module is used to provide a stable and reliable power source for the SIEMENS SIMATIC S7-400 PLC system.
- It accepts input voltage of 120/230V AC and converts it to a regulated output voltage of 5V DC.
- The module is capable of delivering an output current of 10A, which is suitable for powering the various components and modules of the S7-400 PLC system.
- It is designed to operate reliably in industrial environments, with a wide operating temperature range of 0 to 60°C.
- The compact design of the module helps save space in the control cabinet.
- The POWER SUPPLY PS407 module may include internal diagnostics and LED indicators to allow for monitoring and troubleshooting of the power supply status.

Applications:
The SIEMENS SIMATIC PLC S7-400 6ES7407-0KR00-0AA0 POWER SUPPLY PS407 module is used in various automation applications where a stable and reliable power supply is required. Some common applications include:
- Manufacturing and production processes
- Energy and utilities
- Oil and gas
- Chemical and pharmaceutical
- Water and wastewater treatment
- Building automation
- Transportation and logistics
- Food and beverage

Please note that the specific usage and installation of the POWER SUPPLY PS407 module may require referring to the official documentation or consulting with Siemens for detailed information and support.

for more products please visit us on plcsimatic.com


SIEMENS
SIMATIC S7
STROMVERSORGUNG PS407 AC 10AR
POWER SUPPLY PS407 AC10AR
6ES7407-0KR00-0AA0


SIEMENS

Order numbers and function

Table 3-1 Redundant power supply modules

Type	Order number	Input voltage	Output voltage	See section
PS 407 10A R	6ES7407-0KR00-0AA0	85 to 264 VAC or 88 to300 VDC	5 VDC/10 A and 24 VDC/1 A	3.8 (Page 58)

PS 407 10A R	6ES7 407-0KR02-0AA0	85 to 264 VAC or 88 to300 VDC	5 VDC/10 A and 24 VDC/1 A	3.9 (Page 61)
PS 405 10A R	6ES7405-0KR00-0AA0	19.2 to 72 VDC	5 VDC/10 A and 24 VDC/1 A	3.14 (Page 72)
PS 405 10A R	6ES7 405-0KR02-0AA0	19.2 to 72 VDC	5 VDC/10 A and 24 VDC/1 A	3.15 (Page 74)

Redundant operation

Using two power supply modules of type PS 407 10A R or PS 405 10A R, you can design a redundant power supply for a rack. We recommend this if you want to increase the availability of your programmable controller, particularly if you are operating it on an unreliable power system.

Designing a redundant power supply

Redundant operation is possible with any of the S7 CPUs and racks described in this manual. STEP 7 as of V4.02 is also required.

To design a redundant power supply, insert a power supply module into slots 1 and 3 of the rack. You can then insert as many modules as can be supplied by a single power supply module. In other words, in redundant operation all the modules can only draw a total of 10 A.

Features

The redundant power supply of an S7-400 has the following characteristics:

• The power supply module features an inrush current in accordance with NAMUR.

• Each of the power supply modules can take over the supply of power to the whole rack if the

other one fails. There is no loss of operation.

• Each of the power supply modules can be exchanged while the system is in operation. No loss

of power and no peak stress occurs with the effective voltages when the modules are

removed or inserted.

• Each of the power supply modules monitors its function and sends a message if it fails.

• Neither of the power supply modules can generate an error which affects the output voltage

of the other power supply module.

VOBOAL Shenzhen Voboal Industrial Automation Co., Ltd.

+8613760462017 sale@voboal.com plcsimatic.com

Sienteng Zhongbao Industrial Park, Longdong Community, Baolong Street, Longgang District, Shenzhen