

Siemens 6AR1303-0ED00-0AA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	Communication module with PROFIBUS DP and Ethernet interfaces

Description

Siemens provides the 6AR1303-0ED00-0AA0, a communication module compatible with both PROFIBUS DP and Ethernet standards. This module features a data transfer rate of up to 12 Mbit/s for PROFIBUS DP, supporting efficient and reliable communication in various applications.

- Technical specifications for 6AR1303-0ED00-0AA0
- Manufacturer Siemens
- Product Type Communication module with PROFIBUS DP and Ethernet interfaces
- Product Line I/O Modules
- Part Number 6AR1303-0ED00-0AA0
- UPC 662643026108
- Data Transfer Rate Up to 12 Mbit/s on PROFIBUS DP
- Interface Configuration PROFIBUS DP and Ethernet ports
- Protocol Compliance Supports PROFIBUS DP standards
- Installation Format Compact, plug-in modular design
- Power Requirements 24 V DC supply
- Electrical Isolation Integrated signal protection
- Diagnostic Indicators LED status lights for monitoring
- Ethernet Port Speed 10/100 Mbit/s (Auto-negotiating)
- Electrical Interface (Ethernet) RJ45 (8P8C) with Auto-MDI/MDIX
- Operating Temperature Range -20°C to +60°C
- Power Consumption ≤ 2 W (Under full load)

Description

The 6AR1303-0ED00-0AA0 from Siemens is a specialized communication module designed to facilitate data exchange through PROFIBUS DP and Ethernet connections. This module achieves a high data transfer rate of 12 Mbit/s when using the PROFIBUS DP, ensuring fast and reliable connectivity for industrial applications. Its compact, plug-in modular design simplifies installation in various setups.

The module requires a 24 V DC power supply and consumes a maximum of 2 W under full load, contributing to efficient energy usage. Furthermore, integrated electrical isolation provides signal protection, safeguarding the device against potential electrical disturbances.

Status monitoring is made easy with LED indicators that convey operational information to users, enhancing troubleshooting capabilities. The Ethernet interface allows for 10/100 Mbit/s speed, utilizing an RJ45 (8P8C) connector that supports Auto-MDI/MDIX functionality for convenient cabling.

This module is appropriately designed to operate in a temperature range between -20°C and +60°C, making it versatile for different environmental conditions. Its adherence to PROFIBUS DP standards ensures compatibility and reliability in diverse system architectures.

Technical Specifications

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