

Siemens 6SN1114-0NB01-0AA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	-

Description

The 6SN1114-0NB01-0AA0 module from Siemens is designed for motion control applications within the SIMODRIVE series. This unit supports up to two axes and utilizes the PROFIBUS DP communication protocol for efficient data handling.

Technical specifications for 6SN1114-0NB01-0AA0

Manufacturer Siemens

Product Line SIMODRIVE

Part Number 6SN1114-0NB01-0AA0

Weight 0.25 lbs (0.11 kg)

Product Module Motion Control

Communication Protocol PROFIBUS DP

Number of Axes 2 Axes

Data Exchange Rate Up to 12 Mbaud

Length 2.5 cm

Width 12.70 cm

Height 12.70 cm

Maximum Ambient Temperature 60 degrees Celsius

Minimum Ambient Temperature 0 degrees Celsius

Operating Humidity (Non-Condensing) 80% RH max.

Storage Humidity (Non-Condensing) 80% RH max.

Maximum Operating Altitude 1000 meters above sea level

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Description

The Siemens 6SN1114-0NB01-0AA0 is a motion control module specifically crafted for use within the SIMODRIVE series. It controls up to two axes and establishes communication via the PROFIBUS DP protocol, ensuring robust data transfer capabilities. This module achieves a data exchange rate of up to 12 Mbaud, facilitating efficient control in automation tasks.

In terms of design, this piece of equipment features dimensions of 12.70 cm both in height and width, with a thickness measuring just 2.5 cm, making it suitable for compact installations. Weighing in at 0.1 kg, it is lightweight and easy to handle.

Operating in a temperature range from 0 to 60 degrees Celsius, the module is effective in various industrial settings. Additionally, it can handle humidity levels of 80% relative humidity at maximum, provided conditions remain non-condensing. For specific deployments, the unit is capable of functioning at altitudes up to 1000 meters above sea level, increasing its versatility in diverse environments.

OPTION MODULE

MOTION CONTROL FOR SIMODRIVE 611 U WITH PROFIBUS DP SYNCHRONOUS STAND

SLAVE UP TO 2 AXES

REPLACED BY 6SN1114-0NB01-0AA1

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