AUTOMATION TRADER

6SN1118-1NJ00-0AA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sn1118-1nj00-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	1-Axis Control Module
Motor Compatibility	1FT6, 1FK6, 1FE1, 1FN1/2, 1PH2/4/6/7
Control Type	Digital, Universal
Input Voltage (Control Electronics)	24V DC V
Communication Interface	PROFIBUS DP
Operating Temperature Range	0 to 55 °C
Storage Temperature Range	-25 to 70 °C
Protection Class	IP20
Mounting	Book-size format, cabinet mounting
Weight	0.6 kg

Description

The Siemens 6SN1118-1NJ00-0AA0 is a 1-axis control module designed for the SIMODRIVE 611 Universal digital drive system. This module provides precise resolver-based speed and torque setpoint control, making it suitable for demanding industrial automation applications where accuracy and reliability are critical.

It is compatible with various Siemens standard motors, including 1FT6, 1FK6, 1FE1, 1FN1/2, and 1PH2/4/6/7 series. The module is also expandable through various option modules, allowing for customization based on specific production requirements.

The robust construction and engineering from Siemens ensure long-lasting performance and seamless integration within broader automation setups. The product weighs approximately 0.6 kg and is built with high-quality industrial-grade materials to withstand continuous operation in industrial environments.

Installation is straightforward, and the module is designed for easy maintenance and replacement, supporting efficiency in production settings.