

## 6SN1118-0AA11-0AA1

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6sn1118-0aa11-0aa1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.17 kgs
<b>Current</b>	611 A
<b>Product Type</b>	Module
<b>Application Area</b>	CNC Machines, Industrial Automation
<b>Control Type</b>	Closed-Loop
<b>Number of Axes</b>	1
<b>Motor Compatibility</b>	1FT5
<b>Number of Axes</b>	1 axis
<b>Compatible Drive Series</b>	SIMODRIVE 611-A
<b>Compatible Feed Drive Type</b>	1FT5

### Description

The Siemens 6SN1118-0AA11-0AA1 is a high-performance control unit designed for the SIMODRIVE 611-A series, specifically engineered to manage single-axis drive systems with precision and efficiency. This advanced component is integral to CNC machines and industrial automation setups, offering enhanced interface capabilities and closed-loop functionality. Its closed-loop control system continuously monitors and adjusts motor performance in real-time, ensuring optimal movement accuracy and reducing deviations. Designed for single-axis systems, it is ideal for applications requiring precise motion control in linear or rotational movements, such as feed drives and positioning applications. The unit features an enhanced interface that simplifies integration with existing industrial automation systems, improving communication between the control unit and other system components. Built for durability, the 6SN1118-0AA11-0AA1 can withstand rigorous industrial conditions, ensuring reliable performance in demanding environments.