

## 6SN1118-0DM31-0AA2

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6sn1118-0dm31-0aa2
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.10 kgs
<b>Manufacturer</b>	Siemens
<b>Product Type</b>	Module
<b>Product Family</b>	SIMODRIVE 611
<b>Application Area</b>	CNC Applications
<b>Operating Temperature Range</b>	0°C to 55°C
<b>Encoder Compatibility</b>	Incremental and Absolute Encoders (EnDat and SSI interfaces)
<b>Number of Axes</b>	2 axes
<b>Encoder Interface</b>	EnDat, SSI
<b>Number of Measuring Systems</b>	2 systems
<b>Minimum Operating Temperature</b>	0 °C
<b>Maximum Operating Temperature</b>	55 °C

### Description

The Siemens 6SN1118-0DM31-0AA2 is a digital control loop block module designed for the SIMODRIVE 611 system, offering high-standard performance for two-axis control applications. This module is engineered to handle sinusoidal voltage signals and is compatible with both incremental and absolute encoders, including EnDat and SSI interfaces. It is specifically tailored for use in CNC applications, providing precise and reliable control for complex machining processes. The module operates within a temperature range of 0°C to 55°C, ensuring stability and performance in various industrial environments. As a spare part, it is intended for maintenance and repair of existing SIMODRIVE 611 systems, facilitating the continued operation of machinery without the need for complete system replacement. Please note that this product is not RoHS-compliant and includes lead content exceeding 0.1% by weight, as per REACH Regulation Article 33.