

SIMODRIVE 611

Product Data Sheet

6SN1118-0DJ23-0AA2

Digital control loop module

FUNCTION Digital control loop module	FAMILY SIMODRIVE 611	ORIGIN Germany	WEIGHT 5.1 kg
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Siemens SIMODRIVE 6SN1118-0DJ23-0AA2 is a Digital control loop module for the SIMODRIVE 611. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Digital control loop module
Drive Family	SIMODRIVE 611
Primary Function	Controls one high-performance servo axis
Power Architecture	Digital NC axis control
Voltage Class	SIMODRIVE 611 system class
Current Rating	Single-axis channel
Power Section	Servo control section
Mechanical Design	High-performance plug-in module
Electrical Interface	1 Vpp sin/cos measuring interface
Commissioning Check	Test encoder, loop response and axis limits

- Service the|single servo axis: Use 6SN1118-0DJ23-0AA2 to controls one high-performance servo axis in the documented SIMODRIVE 611. Match SIMODRIVE 611 system class, Single-axis channel and the installed servo control section before work.
- Restore the|1 Vpp feedback: Record 1 vpp sin/cos measuring interface, adjacent hardware, cable routing and grounding before removal. Preserve the exact connector orientation and mechanical arrangement while installing the one-axis 1 Vpp module.
- Complete the|NC loop tuning: Test encoder, loop response and axis limits. Review Siemens drive diagnostics and record the final one-axis 1 Vpp module configuration before returning the affected machine function to service.

Match 6SN1118-0DJ23-0AA2 to the installed SIMODRIVE 611, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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