

6SN1118-0DJ23-0AA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6sn1118-0dj23-0aa1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.20 kgs
Product Type	Digital Control Loop Block
Product Family	SIMODRIVE 611
Number of Axes	1
Measuring System	Sine/Cosine 1 Vpp
Compatible Motors	1FT6, 1FK, 1FE1, 1FW6, 2SP1, 1PH7, 1PM, 1FN, 1LA
NC Software Required From	April 6, 2009
Compatible CNC Systems	Siemens SINUMERIK 810D, 840D
Dimensions	50 mm x 320 mm x 130 mm
Weight	0.44 kg

Description

The Siemens 6SN1118-0DJ23-0AA1 is a high-performance digital control loop block from the SIMODRIVE 611 series, designed for precise single-axis control in industrial automation applications. This module features a direct measuring system with a sine/cosine 1 Vpp interface, ensuring accurate position feedback. It is compatible with various Siemens motors, including 1FT6, 1FK, 1FE1, 1FW6, 2SP1, 1PH7, 1PM, 1FN, and 1LA series, providing flexibility in motor selection. The module requires NC software from April 6, 2009, and is intended for use with Siemens SINUMERIK 810D and 840D CNC systems, facilitating seamless integration into existing setups. With a compact design measuring 50 mm in height, 320 mm in length, and 130 mm in width, and weighing 0.44 kg, it is suitable for applications where space and weight are considerations. This module is ideal for high-speed CNC machining centers, multi-axis lathes, milling and grinding machines, CNC cutting, drilling, and laser systems, as well as automated production lines requiring precise motion control. Its robust design and compatibility with Siemens systems make it a reliable choice for enhancing automation processes.