

6SN1121-0BA12-0AA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6sn1121-0ba12-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.39 kgs
Current	611 A
Product Type	Module
Control Type	Analog Plug-in Unit
Control Loop	Closed-loop
Setpoint Type	Speed/Torque Analog
Response Time	Fast analog response
Application	Main Spindle Drive
Feedback Type	Encoder
Environment	Industrial (CNC/automation)
Compliance	CE, EN 50178
Axis	1-Axis
Signal Input	±10 V analog
Communication	No fieldbus
Mounting Type	Plug-in

Description

The Siemens 6SN1121-0BA12-0AA0 is a SIMODRIVE 611-A closed-loop plug-in control unit designed for main spindle drive applications. Manufactured by Siemens, this unit is engineered for single-phase setups, ensuring precise control and performance. It features a direct measuring system with TTL (Transistor-Transistor Logic) signals, facilitating accurate speed and torque regulation. The control unit is housed within a compact enclosure measuring 45 mm in height, 160 mm in width, and 310 mm in length, with a weight of approximately 1.00 kg. It operates effectively in industrial environments, including CNC and automation systems, and complies with CE and EN 50178 standards. This unit is suitable for applications requiring precise speed or torque control, such as main spindle drives in CNC machines.