

6SN1118-0NH01-0AA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6sn1118-0nh01-0aa1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.50 kgs
Product Type	2-Axis Control Loop Block
Encoder Type	Incremental and Absolute Value
Encoder Signal	sin/cos 1 Vpp and endat
Dimensions	140 mm x 50 mm x 320 mm
Weight	0.50 kg

Description

The Siemens 6SN1118-0NH01-0AA1 is a high-performance 2-axis control loop block designed for integration with the SIMODRIVE 611 Universal HR system. This module is engineered to manage two-axis control loops, offering precise speed and torque setpoint adjustments. It supports incremental encoders with sin/cos 1 Vpp signals and absolute value encoders via endat inputs, ensuring versatile compatibility with various encoder types. The module's design allows for expansion with additional options to meet specific application requirements, enhancing its adaptability in diverse industrial settings. With a compact form factor measuring 140 mm in height, 50 mm in width, and 320 mm in length, and a weight of 0.50 kg, the 6SN1118-0NH01-0AA1 is suitable for integration into systems where space and weight considerations are critical. This module is ideal for applications requiring precise control and adaptability, such as CNC machining, robotics, and automated manufacturing processes, where reliable and efficient motion control is paramount.