

6SN1118-1NK01-0AA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6sn1118-1nk01-0aa1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.08 kgs
Product Type	Plug-In Control Unit
Motor Compatibility	1FT6, 1FK, 1FE1, 1FW6, 2SP1, 1PH, 1PM6, 1FN series motors
Feedback Type	Resolver
Expandability	Optional interfaces: PROFIBUS DP, RS 232/485
Number of Axes	2
Motor Encoder	Resolver
Interfaces	Optional: PROFIBUS DP, RS 232/485
Minimum Operating Temperature	0 °C
Maximum Operating Temperature	55 °C

Description

The Siemens 6SN1118-1NK01-0AA1 is a plug-in control unit designed for the SIMODRIVE 611 drive system. Manufactured by Siemens, this unit serves as a 2-axis control-loop block, facilitating precise speed and torque control in industrial automation applications. It is compatible with various motor types, including 1FT6, 1FK, 1FE1, 1FW6, 2SP1, 1PH, 1PM6, and 1FN series motors. The unit operates with a resolver for position feedback and offers expandability through optional interfaces such as PROFIBUS DP and RS 232/485, allowing integration into diverse automation environments. With a weight of approximately 0.6 kg, it is suitable for applications requiring compact and efficient control solutions.