

6FC5357-0BB33-0AE1

Industrial automation components

Manufacturer	Siemens
Catalog number	6fc5357-0bb33-0ae1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.22 kgs
Industrial Safety	plc
Memory/Storage	2.5 MB
Safety Level	plc
Processor	Pentium II 266 MHz
NC Memory	2.5 MB
PLC Memory	96 KB
Communication	PROFIBUS-DP
Dimensions	50 mm x 207 mm x 316 mm
Mounting	DIN rail

Description

The Siemens 6FC5357-0BB33-0AE1 is a Numerical Control Unit (NCU) designed for the SINUMERIK 840D/DE system, offering advanced motion control capabilities for complex CNC applications. Powered by a Pentium II 266 MHz processor, it ensures efficient processing for demanding tasks. The module features a main NC memory of 2.5 MB and a PLC memory of 96 KB, facilitating effective data management. Communication is supported via PROFIBUS-DP, enabling seamless integration within industrial automation networks. With dimensions of 50 mm in length, 207 mm in width, and 316 mm in height, it is designed for DIN rail mounting, ensuring a compact and efficient setup. The operating temperature range is from 0°C to 55°C, making it suitable for various industrial environments. This NCU module is ideal for applications requiring precise and reliable motion control, such as CNC milling and turning machines, high-speed machining centers, and multi-axis industrial automation systems.