

## 6FC5356-0BB11-0AE0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6fc5356-0bb11-0ae0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	3.08 kgs
<b>Memory/Storage</b>	0.5 MB
<b>Interface Type</b>	profibus
<b>Product Type</b>	Controller
<b>Industrial Safety</b>	plc
<b>Safety Level</b>	plc

### Description

The Siemens 6FC5356-0BB11-0AE0 is a Numerical Control Unit (NCU) designed for the SINUMERIK 840DE system, offering precise control for CNC applications. Equipped with a 32-bit microprocessor, it provides 0.5 MB of memory for CNC functions and 96 KB for PLC operations, ensuring efficient processing and control. The NCU communicates via PROFIBUS DP, facilitating seamless integration within automation systems. Operating on a 24V DC input voltage, it supports a range from 20.4V to 28.8V DC, accommodating various power supply configurations. The device operates within a temperature range of 0°C to +45°C, suitable for diverse industrial environments. With a power consumption between 30W and 50W, it balances performance and energy efficiency. The NCU is designed for panel or rack mounting, offering flexibility in installation. Its protection class is IP20, indicating suitability for indoor use in environments with minimal dust and no water exposure. This module is ideal for applications requiring reliable and precise numerical control, such as machining centers and automated production lines.