

6FC5357-0BA21-0AE0

Industrial automation components

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| Manufacturer | Siemens |
| Catalog number | 6fc5357-0ba21-0ae0 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

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| Weight | 14.51 kgs |
| Product Type | Numerical Control Unit (NCU) Module |
| Supported Axes/Spindles | 5 (expandable to 8) axes/spindles |
| NC Memory | 256 KB (expandable to 1.5 MB) |
| PLC Memory | 64 KB (expandable to 192 KB) |
| Communication Protocol | PROFIBUS DP |
| System Software | Pre-installed |
| Unit Bus Connection Cable | Included |

Description

The Siemens 6FC5357-0BA21-0AE0 is a Numerical Control Unit (NCU) module designed for advanced CNC machine tools, specifically within the SINUMERIK 840D/DE system. This module supports up to 5 axes or spindles, expandable to 8, facilitating complex machining operations. It features 256 KB of NC memory, expandable to 1.5 MB, and an integrated S7-300 PLC with 64 KB of memory, expandable to 192 KB, ensuring efficient processing and control. The module is PROFIBUS DP-ready, allowing seamless integration into industrial networks for real-time communication. Additionally, it comes with pre-installed system software and a unit bus connection cable, simplifying setup and configuration. The standard version of this module is suitable for a wide range of industrial automation applications, providing reliable and precise control for CNC machinery.