

6SL3040-0PA00-0AA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3040-0pa00-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Control Unit Adapter
Compatible Power Modules	PM340, PM240-2
Encoder Compatibility	Incremental (TTL/HTL), SSI
Maximum Encoder Frequency	500 Hz
Operating Voltage Range	20.4 to 28.8 V DC
Maximum Current Consumption	0.65 A at 24 V DC
Dimensions	73 mm (W) x 165.8 mm (H) x 37.3 mm (D)
Weight	0.32 kg

Description

The Siemens 6SL3040-0PA00-0AA0 is a Control Unit Adapter (CUA31) designed for integration with Siemens SINAMICS PM340 and PM240-2 power modules. This adapter facilitates seamless communication between the control unit and power modules, ensuring efficient operation in industrial automation systems. Key features include compatibility with various encoder types, support for incremental encoders (TTL/HTL) and SSI encoders, and a maximum encoder frequency of 500 Hz. The device operates within a voltage range of 20.4 to 28.8 V DC and consumes a maximum current of 0.65 A at 24 V DC. Its compact dimensions (73 mm width, 165.8 mm height, 37.3 mm depth) and lightweight design (0.32 kg) make it suitable for integration into space-constrained environments. The CUA31 Control Unit Adapter is an essential component for enhancing the performance and reliability of Siemens SINAMICS drive systems.