

## 6AU1425-0AA00-0AA0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6au1425-0aa00-0aa0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	1.16 kgs
<b>Current</b>	0.5 A
<b>Interface Type</b>	profibus
<b>Product Type</b>	Module
<b>Signal Type</b>	24
<b>Signal Level</b>	24 V

### Description

The Siemens 6AU1425-0AA00-0AA0 is a SIMOTION D425 Programmable Motion Controller designed for precise motion control in industrial automation applications. This control unit offers a range of interfaces, including four DRIVE-CLiQ ports, two PROFIBUS ports, two Industrial Ethernet ports, and two USB ports, facilitating seamless integration with various devices. It supports up to 16 axes, with configurations for servo, vector, and V/f control modes. The device operates on a 24 V DC supply voltage, with a typical power consumption of 15 W. Its compact dimensions of 380 x 50 x 270 mm and weight of approximately 3.12 kg make it suitable for diverse industrial environments. The operating temperature range is 0 to 55°C, ensuring reliable performance in various conditions. This controller is ideal for applications requiring flexible and efficient motion control solutions.