

### 6AU1425-2AD00-0AA0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6au1425-2ad00-0aa0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

## Technical specification

<b>Weight</b>	3.63 kgs
<b>eClass 7.1</b>	27-24-20-03
<b>eClass 8</b>	27-24-20-03
<b>eClass Version 9</b>	27-24-20-03
<b>eClass Version 9.1</b>	27-24-20-03
<b>ETIM 7</b>	EC000236
<b>Group Classification Key</b>	R251
<b>List of Characteristics</b>	PM21
<b>Packaging Length</b>	0,00
<b>Packaging Width</b>	0,00
<b>Packaging Height</b>	0,00
<b>Product ID</b>	6AU1425-2AD00-0AA0
<b>AL Field</b>	N
<b>Compliance</b>	Produkt zgodny z RoHS od: 08.10.2012
<b>Configurable Product</b>	False
<b>Country of Origin</b>	DE
<b>ECCN</b>	9N9999
<b>eClass 6</b>	27-24-20-03
<b>Product Description</b>	SIMOTION Drive-based Control Unit D425-2 DP/PN; programmable motion controller; BASIC performance; interfaces: 12 DI, 16 DI/DO, 4 DRIVE-CLiQ, 2 PROFIBUS, 3 PROFINET ports, 2 ethernet, 2 USB, 1 option slot; incl. dual fan / battery module and battery
<b>Comparative Metals Coefficient</b>	08.10.2012
<b>Quantity in Package</b>	1
<b>Product Code</b>	9668
<b>UPC</b>	40892974959.0
<b>Unit of Measure</b>	ST
<b>Customs Tariff Code</b>	85371091

## Description

The Siemens 6AU1425-2AD00-0AA0 is a programmable motion controller from the SIMOTION D4x5-2 series, designed for precise control in industrial automation applications. This control unit offers a range of interfaces, including 12 digital inputs, 16 digital inputs/outputs, 4 DRIVE-CLiQ ports, 2 PROFIBUS ports, 3 PROFINET ports, 2 Ethernet ports, and 2 USB ports, facilitating versatile connectivity and integration within automation systems. It operates with a rated supply voltage of 24 V DC and consumes approximately 24 W of power. The unit is housed in a compact enclosure measuring 380 mm in height, 50 mm in width, and 270 mm in depth, with a net weight of approximately 3.7 kg. Designed for reliability, it includes a dual fan and battery module to ensure continuous operation. The 6AU1425-2AD00-0AA0 is suitable for applications requiring robust motion control solutions, offering flexibility and performance for complex automation tasks.