

### 6SL3120-1TE21-8AD0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6sl3120-1te21-8ad0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

## Technical specification

<b>Weight</b>	2.06 kgs
<b>Product ID</b>	6SL3120-1TE21-8AD0
<b>AL Field</b>	N
<b>Customs Tariff Code</b>	85044086
<b>Compliance</b>	Produkt zgodny z RoHS od: 05.05.2017
<b>Configurable Product</b>	False
<b>Country of Origin</b>	DE
<b>EAN</b>	4034106439620.0
<b>ECCN</b>	9N9999
<b>eClass 6</b>	27-02-31-01
<b>eClass 7.1</b>	27-02-31-01
<b>eClass 8</b>	27-02-31-01
<b>eClass Version 9</b>	27-02-31-01
<b>eClass Version 9.1</b>	27-02-31-01
<b>ETIM 7</b>	EC001857
<b>Group Classification Key</b>	R220
<b>List of Characteristics</b>	D21MC
<b>Quantity in Package</b>	1
<b>Packaging Length</b>	0,00
<b>Packaging Width</b>	0,00
<b>Packaging Height</b>	0,00
<b>Product Description</b>	SINAMICS S120 single motor module input: 600 V DC output: 400 V 3 AC, 18 A design: booksize D type internal air cooling optimized pulse patterns and support of the extended Safety Integrated functions incl. DRIVE-CLiQ cable
<b>Product Code</b>	9617
<b>Comparative Metals Coefficient</b>	05.05.2017
<b>REACH</b>	Lead CAS-Nr. 7439-92-1
<b>Unit of Measure</b>	ST
<b>UPC</b>	804766208249.0

## Description

The Siemens 6SL3120-1TE21-8AD0 is a single motor module from the SINAMICS S120 series, designed for industrial automation applications. It features a DC input voltage range of 510 to 720 V and provides a 400 V 3-phase AC output with a rated current of 18 A. The module is housed in a compact booksize D-type frame, measuring 380 mm in width, 270 mm in height, and 50 mm in depth, with a net weight of 4.6 kg. It operates efficiently within an ambient temperature range of 0 to 40°C, utilizing internal air cooling to maintain optimal performance. The module supports optimized pulse patterns and extended Safety Integrated functions, including DRIVE-CLiQ cable connectivity, ensuring reliable and safe operation in demanding environments. Compliance with international standards such as CE, cULus, SIL 2 according to IEC 61508, and PL d according to EN ISO 13849-1 underscores its suitability for various industrial applications. For detailed specifications and technical documentation, refer to the official Siemens Industry Mall page.