

### 6SL3210-1PE12-3AL1

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6sl3210-1pe12-3al1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

## Technical specification

<b>Weight</b>	2.27 kgs
<b>Packaging Height</b>	280,00
<b>Packaging Size</b>	MM
<b>Product Code</b>	9772
<b>Comparative Metals Coefficient</b>	01.07.2006
<b>REACH</b>	Lead CAS-Nr. 7439-92-1; Diboron trioxide lblREACHCasNo3950
<b>Unit of Measure</b>	ST
<b>UPC</b>	887621775452.0
<b>Product ID</b>	6SL3210-1PE12-3AL1
<b>AL Field</b>	N
<b>Customs Tariff Code</b>	85044095
<b>Compliance</b>	Produkt zgodny z RoHS od: 01.07.2006
<b>Configurable Product</b>	False
<b>Country of Origin</b>	GB
<b>EAN</b>	4042948665923.0
<b>ECCN</b>	N
<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>	D11.1SD
<b>Quantity in Package</b>	1
<b>Packaging Length</b>	185,00
<b>Packaging Width</b>	90,00

## Description

The Siemens 6SL3210-1PE12-3AL1 is a SINAMICS Power Module PM240-2 designed for efficient motor control in industrial applications. Operating within a voltage range of 380-480 V AC  $\pm 10\%$  and a frequency of 47-63 Hz, it delivers reliable performance for various automation tasks. The module features an integrated Class A filter and a braking chopper, enhancing its functionality and efficiency. It offers high overload capabilities, providing 0.55 kW at 200% for 3 seconds, 0.75 kW at 150% for 3 seconds, and 0.55 kW at 100% for 240 seconds, with ambient temperature ranges of -10 to +50 °C and -10 to +40 °C, respectively. The module's dimensions are 196 x 73 x 165 mm (HxWxD), and it has a degree of protection IP20, ensuring durability in industrial environments. This product is part of the SINAMICS G120 series, known for its robust performance and versatility in motor control applications.