

6SL3120-1TE23-0AD0

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3120-1te23-0ad0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	7.71 kgs
Product ID	6SL3120-1TE23-0AD0
AL Field	N
Customs Tariff Code	85044086
Compliance	Produkt zgodny z RoHS od: 25.10.2017
Configurable Product	False
Country of Origin	DE
EAN	4034106439668.0
ECCN	3A999A
eClass 6	27-02-31-01
eClass 7.1	27-02-31-01
eClass 8	27-02-31-01
eClass Version 9	27-02-31-01
eClass Version 9.1	27-02-31-01
ETIM 7	EC001857
Group Classification Key	R220
List of Characteristics	D21MC
Quantity in Package	1
Packaging Length	0,00
Packaging Width	0,00
Packaging Height	0,00
Product Description	SINAMICS S120 SINGLE MOTOR MODULE INPUT: DC 600V OUTPUT: 3AC 400V, 30A FRAME SIZE: BOOKSIZE D-TYPE INTERNAL AIR COOLING OPTIMIZED PULSE SAMPLE AND SUPPORT OF THE EXTENDED SAFETY INTEGRATED FUNCTIONS INCL. DRIVE-CLIQ CABLE
Product Code	9617
Comparative Metals Coefficient	25.10.2017
REACH	Lead CAS-Nr. 7439-92-1
Unit of Measure	ST
UPC	804766208263.0

Description

The Siemens 6SL3120-1TE23-0AD0 is a Single Motor Module from the SINAMICS S120 series, designed for high-performance motor control applications. This module converts a 600 V DC input into a 400 V 3-phase AC output, delivering up to 30 A continuous current. It features a booksize D-type frame with internal air cooling, optimized pulse sampling, and supports extended safety integrated functions, including DRIVE-CLiQ connectivity. Key specifications include a DC link voltage range of 510–720 V DC, an electronics power supply of 24 V DC ($\pm 15\%$ / $+20\%$), and a rated pulse frequency of 4.0 kHz. The module operates within an ambient temperature range of 32–104°F (0–40°C) and has a net weight of 7.9 kg. Compliance with RoHS directive is confirmed since October 25, 2017.