

6SL3040-1LA01-0AA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3040-1la01-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.36 kgs
Product ID	6SL3040-1LA01-0AA0
AL Field	N
Customs Tariff Code	85049090
Compliance	Produkt zgodny z RoHS od: 23.08.2011
Configurable Product	False
Country of Origin	DE
EAN	4042948660119.0
ECCN	9N9999
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	27-02-31-50
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 CONTROL UNIT CU310-2 PN WITH PROFINET INTERFACE WITHOUT COMPACTFLASH CARD
Product Code	9608
Comparative Metals Coefficient	23.08.2011
Unit of Measure	ST
UPC	40892922431.0

Description

The Siemens 6SL3040-1LA01-0AA0 is a SINAMICS S120 Control Unit CU310-2 PN, designed for advanced control in industrial automation systems. This control unit features a Profinet interface, facilitating high-speed communication and seamless integration within automation networks. It operates on a 24 V DC supply voltage, with a maximum power consumption of 20 W, ensuring efficient energy usage. The device includes 11 digital inputs with a voltage range of -3 to 30 V, and 8 bidirectional digital I/O capable of handling up to 500 mA per output. Additionally, it offers one analog input with a voltage range of -10 to 10 V or a current range of -20 to 20 mA, providing flexibility for various sensor integrations. The control unit supports encoder interfaces, including TTL/HTL and SSI, with a maximum encoder frequency of 300 kHz, accommodating diverse motion control applications. Designed for durability, it operates within an ambient temperature range of 0 to 55 °C, making it suitable for various industrial environments. The compact dimensions of 73 x 191 x 75 mm and a net weight of 0.95 kg facilitate easy integration into existing systems. This control unit is ideal for applications requiring precise and reliable control, such as in manufacturing plants and processing facilities.