

6SL3040-0JA01-0AA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3040-0ja01-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.32 kgs
Product ID	6SL3040-0JA01-0AA0
AL Field	N
Customs Tariff Code	85049090
Compliance	Produkt zgodny z RoHS od: 29.10.2015
Configurable Product	False
Country of Origin	DE
EAN	4042948660096.0
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	27-02-31-01
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 S110 CONTROL UNIT CU305 PN WITH PROFINET INTERFACE WITHOUT MEMORY CARD
Product Code	9608
Comparative Metals Coefficient	29.10.2015
Unit of Measure	ST
UPC	40892655551.0

Description

The Siemens 6SL3040-0JA01-0AA0 is a high-performance control unit designed for the SINAMICS S110 range, specifically the CU305 model. This compact yet powerful unit is essential for motion control and automation applications, offering precise control of servo drives. It is well-suited for single-axis positioning tasks and is commonly used in robotics, packaging, and material handling industries. Equipped with a PROFINET interface, it enables seamless integration into modern industrial networks, facilitating fast and efficient data exchange. The unit features five digital inputs with voltage ranges from -3 to 30 V, providing versatility across various operational environments. Additionally, it includes three fail-safe digital inputs, enhancing system safety and reliability. The control unit also offers four digital I/O channels, which can be configured based on specific application requirements. For analog inputs, it provides one channel with a voltage range of -10 to 10 V and a resolution of 12 bits plus sign. Designed to operate with a DC 24 V power supply, it has a maximum power consumption of 0.8 A and a maximum power loss of 20 W, ensuring energy efficiency. The unit's compact dimensions—73 mm in width, 195 mm in height, and 71 mm in depth—allow for easy integration into control cabinets or other confined spaces. Compliance with cULus standards ensures that the product meets North American and international safety and performance requirements.