

6SL3210-1KE14-3AP2

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3210-1ke14-3ap2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.36 kgs
AL Field	N
Customs Tariff Code	85044095
Compliance	Produkt zgodny z RoHS od: 01.07.2006
Configurable Product	False
Country of Origin	GB
EAN	4042948668832.0
ECCN	N
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	D11.1SD
Quantity in Package	1
Packaging Length	225,00
Packaging Width	270,00
Packaging Height	85,00
Packaging Size	MM
Product Code	5673
Comparative Metals Coefficient	01.07.2006
REACH	Lead CAS-Nr. 7439-92-1; Lead monoxide (lead oxide) lblREACHCasNo7368; 4,4'-isopropylidenediphenol (Bisphenol A, BPA) CAS-Nr. 80-05-7; Diboron trioxide lblREACHCasNo3950
Unit of Measure	ST
UPC	804766249624.0
Product ID	6SL3210-1KE14-3AP2

Description

The Siemens SINAMICS G120C (Part Number: 6SL3210-1KE14-3AP2) is a compact frequency converter designed for efficient motor control in industrial applications. Operating on a three-phase AC supply of 380-480V with a frequency range of 47-63Hz, it delivers a rated power of 1.5 kW. The device is engineered to handle overloads effectively, providing 150% overload capacity for 3 seconds, 110% for 57 seconds, and 100% for 240 seconds. For high overload scenarios, it offers 200% for 3 seconds, 150% for 57 seconds, and 100% for 240 seconds. An integrated Class A filter ensures compliance with electromagnetic compatibility standards. The external 24V I/O interface includes 6 digital inputs, 2 digital outputs, 1 analog input, 1 analog output, and a motor feedback input. Safety is prioritized with the Safe Torque Off (STO) feature, and communication is facilitated through the integrated PROFIBUS-DP fieldbus. The device is housed in an IP20-rated enclosure, suitable for open-type installations. Its compact dimensions are 173 mm in height, 73 mm in width, and 155 mm in depth, with a net weight of 1.3 kg. This converter is ideal for applications requiring reliable and efficient motor control in a compact form factor.