

6SL3210-1KE17-5AF1

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3210-1ke17-5af1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.04 kgs
Product ID	6SL3210-1KE17-5AF1
AL Field	N
Compliance	Produkt zgodny z RoHS od: 01.07.2006
Group Classification Key	R220
List of Characteristics	D11.1SD
Packaging Length	225,00
Packaging Width	270,00
Packaging Height	85,00
Packaging Size	MM
Comparative Metals Coefficient	01.07.2006
Configurable Product	False
Country of Origin	GB
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
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
Quantity in Package	1
Product Code	5673
Customs Tariff Code	85044095
EAN	4042948663820.0
Unit of Measure	ST
UPC	887621022839.0

Description

The Siemens 6SL3210-1KE17-5AF1 is a compact SINAMICS G120C inverter designed for precise power management and control in industrial applications. Operating within a voltage range of 380 to 480 V AC and a frequency range of 47 to 63 Hz, it delivers a rated power of 3.0 kW. The inverter is capable of handling overloads, providing 150% of rated power for 3 seconds, 110% for 57 seconds, and 100% for 240 seconds under low-load conditions; and 200% for 3 seconds, 150% for 57 seconds, and 100% for 240 seconds under high-load conditions. It features an integrated Class A filter to minimize electromagnetic interference and offers a 24 V DC I/O interface with 6 digital inputs, 2 digital outputs, 1 analog input, 1 analog output, and 1 motor temperature input. The device includes a Safe Torque Off (STO) function for enhanced safety and supports PROFINET-PN fieldbus communication. With dimensions of 196 x 73 x 200 mm and an IP20 protection rating, the 6SL3210-1KE17-5AF1 is suitable for various industrial environments.