AUTOMATION TRADER

6SL3210-1KE11-8UC2

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sl3210-1ke11-8uc2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Frequency Converter
Rated Power	0.55 kW
Input Voltage	380-480 V
Input Frequency	47-63 Hz
Overload Capacity	150% for 3s, 110% for 57s
Ambient Temperature Range	-10 to 40 °C
Degree of Protection	IP20/UL open type
Dimensions	173 x 73 x 160 mm
Net Weight	1.4 kg

Description

The Siemens 6SL3210-1KE11-8UC2 is a compact frequency converter from the SINAMICS G120C series, designed for efficient motor control in industrial applications. Operating on a three-phase AC supply of 380 to 480 V with a frequency range of 47 to 63 Hz, it delivers a rated power of 0.55 kW (0.75 hp) and can handle overloads up to 150% for 3 seconds and 110% for 57 seconds in a 300-second cycle.

The converter features an integrated filter class A, ensuring compliance with electromagnetic compatibility standards. Its I/O interface includes 6 digital inputs, 2 digital outputs, 1 analog input, and 1 analog output, facilitating versatile connectivity.

The device operates within an ambient temperature range of -10 to 40 °C (14 to 104 °F) and has a degree of protection rated at IP20/UL open type. With dimensions of 173 x 73 x 160 mm (H x W x D) and a net weight of 1.4 kg (3.09 lb), it is suitable for various industrial environments requiring

reliable and efficient motor control solutions.

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