

6SL3210-1PE21-8UL0

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3210-1pe21-8ul0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.45 kgs
Product ID	6SL3210-1PE21-8UL0
AL Field	N
Customs Tariff Code	85044095
Compliance	Produkt zgodny z RoHS od: 01.07.2006
Configurable Product	False
Product Code	9772
UPC	887621708542.0
EAN	4042948666081.0
Quantity in Package	1
Comparative Metals Coefficient	01.07.2006
REACH	Lead CAS-Nr. 7439-92-1; Diboron trioxide lblREACHCasNo3950
Unit of Measure	ST
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
Group Classification Key	R220
List of Characteristics	D11.1SD
Packaging Length	180,00
Packaging Width	370,00
Packaging Height	120,00
Packaging Size	MM

Description

The Siemens 6SL3210-1PE21-8UL0 is a SINAMICS Power Module PM240-2, designed for industrial automation applications requiring reliable and efficient motor control. Operating on a 3-phase AC supply, it supports a voltage range of 380 to 480 V $\pm 10\%$ and a frequency range of 47 to 63 Hz. The module offers a rated power of 7.5 kW (10 HP) for low overload and 5.5 kW (7.5 HP) for high overload, with corresponding rated currents of 18 A and 13.2 A, respectively. It features an integrated braking chopper, eliminating the need for external components and enhancing energy management during deceleration cycles. The module operates within an ambient temperature range of -10°C to $+50^{\circ}\text{C}$ for high overload and -10°C to $+40^{\circ}\text{C}$ for low overload, ensuring versatility in various industrial environments. With dimensions of 291 x 100 x 165 mm and a net weight of 3 kg, it is designed for easy integration into existing systems. The module is approved for CU firmware version V4.6 and offers protection class IP20, suitable for installation in control cabinets. For detailed specifications and integration guidelines, refer to the official Siemens product page.