

6ES7221-1BF32-0XB0

Industrial automation components

Manufacturer	Siemens
Catalog number	6es7221-1bf32-0xb0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.07 kgs
Product ID	6ES7221-1BF32-0XB0
AL Field	N
Customs Tariff Code	85389091
Compliance	Produkt zgodny z RoHS od: 15.03.2013
Configurable Product	False
Country of Origin	CN
EAN	6940408101913.0
ECCN	N
eClass 6	27-24-22-04
eClass 7.1	27-24-22-04
eClass 8	27-24-22-04
eClass Version 9	27-24-22-04
eClass Version 9.1	27-24-22-04
ETIM 7	EC001419
Group Classification Key	R132
List of Characteristics	ST72
Quantity in Package	1
Packaging Length	10,90
Packaging Width	8,80
Packaging Height	6,00
Packaging Size	CM
Product Description	SIMATIC S7-1200, MODUŁ WEJŚĆ BINARNYCH SM 1221, 8 WEJŚĆ 24V DC, WEJŚCIA TYPU SINK/SOURCE
Product Code	4508
Comparative Metals Coefficient	15.03.2013
REACH	Lead CAS-Nr. 7439-92-1; Lead monoxide (lead oxide) lblREACHCasNo7368
Unit of Measure	ST
UPC	887621262884.0

Description

The Siemens 6ES7221-1BF32-0XB0 is a digital input module from the SIMATIC S7-1200 series, designed to integrate seamlessly into industrial automation systems. This module offers eight digital inputs operating at 24 V DC, suitable for both sink and source configurations, providing flexibility in various applications. It features a compact design with dimensions of 45 x 100 x 75 mm and weighs approximately 170 grams, making it ideal for space-constrained environments. The module operates within a permissible temperature range of -20°C to +60°C, ensuring reliable performance in diverse industrial settings. It supports a supply voltage of 24 V DC, with an input voltage range from 20.4 V to 28.8 V, accommodating typical industrial power variations. The module's input current from the backplane bus is a maximum of 105 mA, and it offers a power loss of approximately 1.5 W, contributing to energy efficiency. Designed for easy integration, the 6ES7221-1BF32-0XB0 is compatible with the Siemens S7-1200 system, enhancing the modularity and scalability of automation solutions.