

6ES7215-1HF40-0XB0

Industrial automation components

Manufacturer	Siemens
Catalog number	6es7215-1hf40-0xb0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.45 kgs
Product ID	6ES7215-1HF40-0XB0
AL Field	N
Customs Tariff Code	85371091
Compliance	Produkt zgodny z RoHS od: 27.02.2015
Configurable Product	False
Country of Origin	CN
EAN	4025515082941.0
ECCN	EAR99H
eClass 6	27-24-22-07
eClass 7.1	27-24-22-07
eClass 8	27-24-22-07
eClass Version 9	27-24-22-07
eClass Version 9.1	27-24-22-07
ETIM 7	EC000236
Group Classification Key	R152
List of Characteristics	ST72
Quantity in Package	1
Packaging Length	13,70
Packaging Width	11,10
Packaging Height	8,80
Packaging Size	CM
Product Description	SIMATIC S7-1200F, CPU 1215 FC, compact CPU, DC/DC/relay, 2 PROFINET ports, onboard I/O: 14 DI 24 V DC; 10 DO relay 2 A, 2 AI 0-10 V DC, 2 AO 0-20 mA DC, power supply: DC 20.4-28.8 V DC, program/data memory 250 KB
Product Code	4545
Comparative Metals Coefficient	27.02.2015
REACH	Lead CAS-Nr. 7439-92-1; Lead monoxide (lead oxide) lblREACHCasNo7368; lblREACHCode0236 lblREACHCasNo0236; 4,4'-isopropylidenediphenol (Bisphenol A, BPA) CAS-Nr. 80-05-7
Unit of Measure	ST
UPC	804766054662.0

Description

The Siemens 6ES7215-1HF40-0XB0 is a compact Central Processing Unit (CPU) designed for the SIMATIC S7-1200F series. This fail-safe CPU offers robust performance for industrial automation applications. Key features include a program and data memory of 150 KB, supporting a wide range of control tasks. It operates with a supply voltage of 24 V DC, with permissible ranges between 20.4 V and 28.8 V DC, ensuring reliable performance in various industrial environments. The CPU is equipped with two PROFINET ports, facilitating seamless communication within automation networks. Onboard I/O capabilities comprise 14 digital inputs (24 V DC), 10 relay digital outputs (2 A), 2 analog inputs (0-10 V DC), and 2 analog outputs (0-20 mA DC), providing versatile interfacing options for diverse applications. The device measures 138 mm in height, 116 mm in width, and 86 mm in depth, with a net weight of 0.45 kg, making it suitable for installations with space constraints. Designed for use with the SIMATIC S7-1200F system, this CPU ensures compatibility and optimal performance within the S7-1200F family. Its compliance with RoHS standards since February 27, 2015, underscores Siemens' commitment to environmental responsibility. The 6ES7215-1HF40-0XB0 is an ideal choice for applications requiring a compact, reliable, and versatile CPU solution in industrial automation settings.