

6ES7138-6AA01-0BA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6es7138-6aa01-0ba0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.02 kgs
Customs Tariff Code	85389091
EAN	4047623410607.0
Quantity in Package	1
Product ID	6ES7138-6AA01-0BA0
AL Field	N
Compliance	Produkt zgodny z RoHS od: 23.04.2019
Configurable Product	False
Country of Origin	DE
ECCN	9N9999
eClass 6	27-24-26-05
eClass 7.1	27-24-26-05
eClass 8	27-24-26-05
eClass Version 9	27-24-26-05
eClass Version 9.1	27-24-26-05
ETIM 7	EC001601
Group Classification Key	R151
List of Characteristics	ST73
Packaging Length	7,70
Packaging Width	6,80
Packaging Height	2,40
Packaging Size	CM
Product Description	SIMATIC ET 200SP, TM count 1x 24 V Counter module, 1 channel for 24 V incremental encoder or pulse encoder, 3 DI, 2 DQ Suitable for BU type A0, packing quantity: 1 unit,
Product Code	X03W
Comparative Metals Coefficient	23.04.2019
REACH	Lead CAS-Nr. 7439-92-1; Lead monoxide (lead oxide) lblREACHCasNo7368; Silicic acid, lead salt lblREACHCasNo4420; lblREACHCode0236 lblREACHCasNo0236; 4,4'-isopropylidenediphenol (Bisphenol A, BPA) CAS-Nr. 80-05-7
Unit of Measure	ST

Description

The Siemens 6ES7138-6AA01-0BA0 is a technology module designed for the SIMATIC ET 200SP system, serving as a 24 V counter module. It features a single channel compatible with 24 V incremental or pulse encoders, and includes 3 digital inputs (DI) and 2 digital outputs (DO). This module is suitable for use with BU type A0 and is supplied as a single unit per package. Key characteristics include: - **Voltage Rating**: 24 V DC - **Input Frequency Range**: 0.04 Hz to 800 kHz - **Cycle Duration Measurement**: 1.25 μ s to 25 s - **Accuracy**: 100 ppm, depending on measuring interval and signal evaluation - **Isolation**: Tested with 707 V DC - **Ambient Temperature Range**: Horizontal installation: -30 °C to 60 °C; Vertical installation: -30 °C to 50 °C; Ceiling and floor installation: -30 °C to 50 °C - **Dimensions**: Width: 15 mm; Height: 73 mm; Depth: 58 mm - **Weight**: Approximately 45 g This module is ideal for applications requiring precise counting and measurement functions within the SIMATIC ET 200SP system.