

6ES7138-4DB03-0AB0

Industrial automation components

Manufacturer	Siemens
Catalog number	6es7138-4db03-0ab0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.04 kgs
Product Type	Electronic Module
Product Series	SIMATIC DP
Module Type	Electronics Module for ET 200S
Interface Type	SSI (Synchronous Serial Interface)
Data Rate	1 MHz
Bit Resolution	25-bit
Supply Voltage	24 V DC
Reverse Polarity Protection	Yes
Digital Inputs	1
Encoder Supply	24 V with short-circuit protection
Output Current	500 mA
Dimensions	15 x 81 x 52 mm

Description

The Siemens 6ES7138-4DB03-0AB0 is a compact electronic module designed for the SIMATIC DP system, specifically tailored for the ET 200S series. This module facilitates the connection of absolute value encoders using the SSI (Synchronous Serial Interface) protocol, supporting 25-bit data communication at a speed of 1 MHz. With its slim 15 mm width, it is ideal for space-constrained configurations. The module operates with a 24 V DC supply voltage and features reverse polarity protection. It includes one digital input and provides a 24 V encoder supply with short-circuit protection, capable of delivering up to 500 mA. The module's dimensions are 15 x 81 x 52 mm, and it weighs approximately 40 grams. This device is suitable for applications requiring precise and efficient encoder connectivity in industrial automation systems.