6ES7336-1HE00-0AB

Industrial automation components

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Manufacturer	Siemens
Catalog number	6es7336-1he00-0ab
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Supply Voltage	24 V DC
Number of Analog Inputs	6 inputs
Input Ranges	0 to 20 mA, 4 to 20 mA, 0 to 10 V mA/V
Sensor Supply	Short-circuit-proof power supply for two- or four-wire transducers
Programmable Diagnostics	Yes
Diagnostic Interrupt Function	Yes
Front Connector	40-pin
Dimensions	80 x 125 x 120 mm
Weight	480 g
Power Loss	4.25 W

Description

The Siemens 6ES7336-1HE00-0AB is a fail-safe analog input module designed for the SIMATIC S7-300 series, specifically tailored for safety applications requiring precise analog signal processing. This module features six analog inputs with 14-bit resolution, ensuring high accuracy in data acquisition.

It supports multiple input ranges, including 0 to 20 mA, 4 to 20 mA, and 0 to 10 V, providing flexibility for various sensor types. In safety mode, it operates with a 4 to 20 mA input range, meeting stringent safety standards up to SIL 3.

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The module includes a short-circuit-proof power supply for two- or four-wire transducers, enhancing system reliability. Programmable diagnostics and a diagnostic interrupt function allow for proactive maintenance and system monitoring.

The 40-pin front connector facilitates easy integration into the S7-300 system. With a compact design measuring 80 x 125 x 120 mm and weighing 480 g, it is suitable for installations where space is limited.

The module operates with a supply voltage of 24 V DC and has a typical power loss of 4.25 W, making it energy-efficient. Its robust design and comprehensive features make it an ideal choice for industrial automation applications requiring reliable and precise analog input processing.