6ES7650-8AK70-0AA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6es7650-8ak70-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	6ES7650-8AK70-0AA0
Product Type	Analog Input Module
Number of Analog Input Channels	16 channels
Input Signal Type	0/4…20 mA
Measurement Resolution	16 bits
Supply Voltage	24 V DC
Power Loss	3.3 W
Connector Type	40-pin
Hot-Swapping Support	Yes

Description

The Siemens 6ES7650-8AK70-0AA0 is an analog input module from the ET 200PA SMART series, designed for industrial automation applications requiring precise analog signal acquisition. This module features 16 isolated analog input channels, each supporting 0/4…20 mA current signals, with a high-resolution measurement capability of up to 16 bits.

It operates with a supply voltage of 24 V DC and has a typical power loss of 3.3 W. The module utilizes a 40-pin connector and supports hot-swapping, allowing removal and insertion without system downtime when used with the IM 650-8PH interface module.

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Built for industrial environments, it ensures reliable and accurate data acquisition for process control systems.

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