MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7134-4GB60-0AB0

HIGH-SPEED CURRENT ANALOG INPUT MODULE

Used with the applicable SIMATIC ET 200S 2AI I 4WIRE HS configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 2AI I 4WIRE HS Manual A5E01076124-02, January 2008; predecessor-specific compatibility data on page 12 only. Native successor ratings excluded.

SIEMENS

SIMATIC

ET 200S distributed I/O 2AI I 4WIRE HS analog electronic module (6ES7134-4GB62-0AB0)

Manual

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Safety Guidelines

This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

⚠DANGER

indicates that death or severe personal injury **will** result if proper precautions are not taken.

⚠WARNING

indicates that death or severe personal injury **may** result if proper precautions are not taken.

⚠CAUTION

with a safety alert symbol, indicates that minor personal injury can result if proper precautions are not taken.

CAUTION

without a safety alert symbol, indicates that property damage can result if proper precautions are not taken.

NOTICE

indicates that an unintended result or situation can occur if the corresponding information is not taken into account.

If more than one degree of danger is present, the warning notice representing the highest degree of danger will be used. A notice warning of injury to persons with a safety alert symbol may also include a warning relating to property damage.

Qualified Personnel

The device/system may only be set up and used in conjunction with this documentation. Commissioning and operation of a device/system may only be performed by **qualified personnel**. Within the context of the safety notes in this documentation qualified persons are defined as persons who are authorized to commission, ground and label devices, systems and circuits in accordance with established safety practices and standards.

Prescribed Usage

Note the following:

⚠WARNING

This device may only be used for the applications described in the catalog or the technical description and only in connection with devices or components from other manufacturers which have been approved or recommended by Siemens. Correct, reliable operation of the product requires proper transport, storage, positioning and assembly as well as careful operation and maintenance.

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Disclaimer of Liability

We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

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Technical data subject to change

1.2 Compatibility with the predecessor module

Compatible with 4AI 2WIRE HS analog electronic module (6ES7134-4GB61-0AB0 / 6ES7134-4GB60-0AB0)

If you configure the 2AI 4WIRE HS (6ES7134-4GB62-0AB0) as the predecessor module (6ES7134-4GB61-0AB0/ 6ES7134-4GB60-0AB0), it behaves compatibly.

The following technical specifications of the 2AI 4WIRE HS (6ES7134-4GB62-0AB0) are set according to the predecessor module (6ES7134-4GB61-0AB0/ 6ES7134-4GB60-0AB0):

Technical specifications for 2AI 4WIRE HS 6ES7134-4GB62-0AB0		**configured as 6ES7134-4GB61-0AB0/ 6ES7134-4GB60-0AB0**
Analog value generation		
Cycle time in ms (per module)	0.25 ms	1 ms
Resolution (including overrange)	4 to 20 mA/15 bits	4 to 20 mA/13 bits
	0 to 20 mA/15 bits	0 to 20 mA/13 bits
	± 20 mA/15 Bit	± 20 mA/13 Bit
Sensor selection data		
Smoothing of the measured values	**Time constant**	**Time constant**
	1 x cycle time	1 x cycle time
	4 x cycle time	64 x cycle time
	16 x cycle time	128 x cycle time
	32 x cycle time	512 x cycle time

Current consumption and power loss

Note the change in the current consumption and power loss of the 2AI 4WIRE HS (6ES7134-4GB62-0AB0) compared to the predecessor module (6ES7134-4GB61-0AB0/ 6ES7132-4GB60-0AB0).