SIMATIC S7-200 CN

Product Data Sheet

6ES7231-0HC22-0XA8

EM 231 four-channel analog input module

TARGET CPUS	ANALOG INPUTS	NOMINAL INPUT RANGE	CONVERTER RESOLUTION
SIMATIC S7-22X	**4 differential inputs**	**0 to 10 V DC**	**12 bit**

Siemens 6ES7231-0HC22-0XA8 is a EM 231 four-channel analog input module in the SIMATIC S7-200 CN family. It is identified for compatible SIMATIC S7-200 CN installations and should be selected by its complete order number and documented interface.

01 VERIFIED TECHNICAL DATA

Target CPUs	SIMATIC S7-22X
Analog inputs	4 differential inputs
Nominal input range	0 to 10 V DC
Converter resolution	12 bit
Current inputs	Supported
Thermocouple inputs	Not supported
Resistance thermometer inputs	Not supported
Typical power loss	2 W

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Naked product size	7.12 x 8.00 x 6.20cm
Naked product weight	0.14 kg

03 DOCUMENTED USE SETTINGS

Pharmaceutical and Life Science Industries: Pharmaceutical manufacturing sites.

Food and Beverage Industries: Food manufacturing facilities.

Oil, Gas and Petrochemical Industries: Upstream and downstream energy sites.

04 SYSTEM COMPATIBILITY

6ES7231-0HC22-0XA8 belongs to the SIMATIC S7-200 CN family and provides the documented role of EM 231 four-channel analog input module. Review the exact order number before assigning it to the installed architecture.

05 PRODUCT EVIDENCE

Siemens manufacturer documentation

AMIKON PRODUCT SUPPORT

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