SIMATIC S7-200 SMART

Product Data Sheet

6ES7288-3AE04-0AA0

SM AI04 four-channel analog input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SM AI04 four-channel analog input	**SIMATIC S7-200 SMART**	**China**	**0.15 kg**

Siemens 6ES7288-3AE04-0AA0 is a SM AI04 four-channel analog input module for the SIMATIC S7-200 SMART. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

System family	SIMATIC S7-200 SMART
Module designation	SM AI04
Module type	Analog input expansion module
Analog inputs	4
Voltage ranges	±10 V, ±5 V and ±2.5 V
Current ranges	0 to 20 mA and 4 to 20 mA
Voltage resolution	11 bits plus sign
Current resolution	12 bits
Supply voltage	24 V DC
Permitted supply range	20.4 to 28.8 V DC

02 ADDITIONAL PRODUCT DATA

Module current	40 mA
Backplane current	80 mA
Power loss	1.5 W
Current input resistance	250 ohms
Filtering	Selectable smoothing levels

03 OFFICIAL APPLICATIONS

- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations
- Chemical and Petrochemical Manufacturing: Industrial chemical production; Petrochemical production and processing
- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations

04 SYSTEM COMPATIBILITY

Match 6ES7288-3AE04-0AA0 to the installed SIMATIC S7-200 SMART, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens official technical documentation for 6ES7288-3AE04-0AA0

Official manufacturer document: 6ES7288-3AE04-0AA0.pdf

AMIKON PRODUCT SUPPORT

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