SIMATIC S7-200 SMART

# Product Data Sheet

## 6ES7288-3AT04-0AA0

SM AT04 Thermocouple Input Module

| FUNCTION | FAMILY | ORIGIN | WEIGHT |
|---|---|---|---|
| **SM AT04 Thermocouple Input Module** | **SIMATIC S7-200 SMART** | **China** | **0.125 kg** |

Siemens 6ES7288-3AT04-0AA0 is a SM AT04 Thermocouple Input Module for the SIMATIC S7-200 SMART. The values below are limited to the exact documented article.

## 01 VERIFIED TECHNICAL DATA

| | |
|---|---|
| Product type designation | SM AT04, AI TC 4x16 bit |
| Analog input channels | 4 |
| Supported input type | Thermocouple |
| Measurement resolution | 16 bit including sign |
| Rated supply voltage | 24 V DC |
| Permissible supply range | 20.4 to 28.8 V DC |
| User-power current | 30 mA typical |
| Backplane-bus current | 70 mA typical |
| Typical power loss | 1.5 W |
| Type of supply voltage | DC |

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Rated value (DC) | 24 V |
| permissible range, lower limit (DC) | 20.4 V |
| permissible range, upper limit (DC) | 28.8 V |
| Reverse polarity protection | Yes |
| Current consumption, typ. | 30 mA; Current consumption of 24 V DC user power |

## 03 OFFICIAL APPLICATIONS

- Control and monitoring systems: Model specific integration and maintenance
- Plant production equipment: Documented signal and communication functions
- Installed base maintenance: Exact article replacement and commissioning

## 04 SYSTEM COMPATIBILITY

Match 6ES7288-3AT04-0AA0 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 6ES7288-3AT04-0AA0**

C:\Users\Administrator\Desktop\AMIKONG■■■\6ES7288-3AT04-0AA0.pdf

**AMIKON PRODUCT SUPPORT**

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