

SIMATIC PCS 7 ET 200M

# Product Data Sheet

**6ES7650-1AA51-2XX0**

eight-channel analog input MTA

|                                                   |                                        |                          |                          |
|---------------------------------------------------|----------------------------------------|--------------------------|--------------------------|
| FUNCTION<br><b>eight-channel analog input MTA</b> | FAMILY<br><b>SIMATIC PCS 7 ET 200M</b> | ORIGIN<br><b>Germany</b> | WEIGHT<br><b>0.40 kg</b> |
|---------------------------------------------------|----------------------------------------|--------------------------|--------------------------|

Siemens Simatic S7 6ES7650-1AA51-2XX0 is a eight-channel analog input MTA for the SIMATIC PCS 7 ET 200M. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                         |                                        |
|-------------------------|----------------------------------------|
| Signal Channels         | 8 analog input channels                |
| Signal Resolution       | 16 bit                                 |
| Associated I/O Module   | 6ES7331-7NF00-0AB0 E-Stand 5 or higher |
| Power Input             | 21.6 to 28.8 V DC                      |
| Maximum Normal Current  | 0.265 A                                |
| Maximum Inrush Current  | 8.238 A                                |
| Channel Fuse            | 0.5 A fast-blow standard               |
| Maximum Channel Current | 8.16 A total                           |
| Mounting Rail           | 35 mm DIN rail                         |
| Field Wire Range        | 24 to 14 AWG                           |

## ADDITIONAL PRODUCT DATA

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|                     |                         |
|---------------------|-------------------------|
| Ambient Temperature | -25 to +60 °C           |
| Humidity            | 5 to 95% non-condensing |
| Power Indication    | Green LED               |
| Redundant Power     | Supported               |

## OFFICIAL APPLICATIONS

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- Machine and assembly-line automation: Controlled equipment
- Robot cell and transfer automation: Production equipment
- Boiler, turbine and auxiliary control: Plant equipment

## SYSTEM COMPATIBILITY

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Match 6ES7650-1AA51-2XX0 to the installed SIMATIC PCS 7 ET 200M, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

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[Siemens official product documentation](#)

No exact official PDF located

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