

SIMATIC ET 200M MTA

Product Data Sheet

6ES7650-1BD51-0XX0

FET switch adapter for fail safe analog input MTA

FUNCTION	FAMILY	ORIGIN	WEIGHT
FET switch adapter for fail	SIMATIC ET 200M MTA	Germany	0.18 kg

Siemens 6ES7650-1BD51-0XX0 is a FET switch adapter for fail safe analog input MTA for the SIMATIC ET 200M MTA. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Adapter control method	Solid state FET switching
Application	Fail safe analog input MTA
Compatible assembly	Marshaled Termination Assembly
Station architecture	ET 200M remote I/O
Signal context	Fail safe analog input
Functional safety context	SIL related input path
Ambient range	Minus 25 to 60 °C
Installation location	MTA assembly
Compatible fail safe input	ET 200M F analog input MTA
Compatible MTA families	6ES7650-1AH50, 1AH51, 1AH61 and 1AH62

ADDITIONAL PRODUCT DATA

Ambient operating range	Minus 25 to 60 °C
Switching technology	Solid state FET
Signal path	Fail safe analog channel switching
Mounting restriction	Not for MTA versions with covers
Safety documentation	ET 200M marshalled termination manual

OFFICIAL APPLICATIONS

- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations
- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration

SYSTEM COMPATIBILITY

Match 6ES7650-1BD51-0XX0 to the installed SIMATIC ET 200M MTA, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official technical documentation for 6ES7650-1BD51-0XX0](#)

Applicable manufacturer documentation retained in Manuals & support

AMIKON PRODUCT SUPPORT

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