

SIMATIC ET 200M MTA

Product Data Sheet

6ES7650-1BA02-0XX0

MTA redundant power monitor board

SUPPLY VOLTAGE RANGE 21.6 to 28.8 V DC	MAXIMUM CURRENT WITH OUTPUTS ENERGIZED 40 mA	MAXIMUM SWITCHED CONTACT VOLTAGE 30 V DC	MAXIMUM SWITCHED CONTACT CURRENT 0.5 A
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Siemens 6ES7650-1BA02-0XX0 is the optional power monitor board for compatible SIMATIC ET 200M marshalled termination assemblies. It provides an isolated contact indication that both redundant power feeds are present.

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VERIFIED TECHNICAL DATA

Supply voltage range	21.6 to 28.8 V DC
Maximum current with outputs energized	40 mA
Maximum switched contact voltage	30 V DC
Maximum switched contact current	0.5 A
Terminal conductor cross-section	0.128 to 1.31 mm ²
Minimum electrical relay operations	100,000
Minimum mechanical relay operations	20,000,000
Power monitoring relays	2, with contacts in series

ADDITIONAL PRODUCT DATA

Naked product size	3.56 x 2.41 x 2.54cm
Naked product weight	0.20kg

DOCUMENTED USE SETTINGS

Chemical Production and Industrial Process Manufacturing: Industrial Chemical Production.

Electricity Production and Industrial Energy Generation: Thermal Power Generation.

Food Production and Beverage Process Manufacturing: Food Production and Processing.

SYSTEM COMPATIBILITY

6ES7650-1BA02-0XX0 belongs to the SIMATIC ET 200M MTA family and provides the documented mta redundant power monitor board function. Its supply voltage range is 21.6 to 28.8 V DC; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMATIC ET 200M MTA manufacturer documentation; applicable pages 245, 246, 247