ET 200S

Product Data Sheet

6ES7151-3BA23-0AB0

IM151-3 PN HIGH FEATURE Interface

FUNCTION	FAMILY	ORIGIN	WEIGHT
IM151-3 PN HIGH FEATURE Interface	**ET 200S**	**Germany**	**Confirm final packed weight**

Siemens 6ES7151-3BA23-0AB0 is a IM151-3 PN HIGH FEATURE Interface for the ET 200S. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Network role	PROFINET IO Device for ET 200S
Physical network ports	2 RJ45 ports with integrated switch
PROFINET communication rate	100 Mbit/s
Maximum station modules	63 modules, maximum backplane length 2 m
Nominal cyclic address allowance	256 bytes per direction; EZ1–EZ3 limited to 146-byte I/O quantity with IRT high performance
Shared Device controllers	Maximum 2; not supported with IRT high flexibility
Media redundancy	MRP supported
IRT communication	Supported; not equivalent to isochronous module operation
Isochronous operation	Not supported in exact data sheet
Power-failure buffering	20 ms

02 ADDITIONAL PRODUCT DATA

Maximum electronics supply current	200 mA
Typical power dissipation	3.3 W
PROFIenergy prerequisite	Requires PM-E DC24V/8A RO power module
LED indications	BF, SF, ON and LINK
Article identity	6ES7151-3BA23-0AB0

03 OFFICIAL APPLICATIONS

- Industrial Manufacturing
- Automotive Manufacturing
- Water Treatment

04 SYSTEM COMPATIBILITY

Match 6ES7151-3BA23-0AB0 to the installed ET 200S, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens technical documentation for 6ES7151-3BA23-0AB0

https://support.industry.siemens.com/

AMIKON PRODUCT SUPPORT

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