SIMATIC ET 200S IM151-3 PN ST

Product Data Sheet

6ES7151-3AA23-0AB0

PROFINET Station Interface Module

RATED ELECTRONICS SUPPLY	TYPICAL SUPPLY CURRENT	TYPICAL POWER DISSIPATION	PROFINET PORT ALLOCATION
24 V DC	**200 mA**	**3.3 W**	**2 RJ45 ports**

Siemens 6ES7151-3AA23-0AB0 is a profinet station interface module in the SIMATIC ET 200S IM151-3 PN ST range. It is used for distributed ET 200S station communication over PROFINET in compatible industrial automation projects.

01 VERIFIED TECHNICAL DATA

Rated electronics supply	24 V DC
Typical supply current	200 mA
Typical power dissipation	3.3 W
PROFINET port allocation	2 RJ45 ports
Station module limit	63 power, electronic or motor-starter modules
Maximum station width	2 m
PROFINET transmission	100 Mbit/s full duplex, 100BASE-TX
Power-failure bypass	20 ms minimum
Isolation test voltage	500 V DC
Permitted rail potential	75 V DC / 60 V AC

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Vendor identifier	002AH
Device identifier	0301H
Device-name storage card	64 KB MMC minimum
Firmware-update card	4 MB MMC minimum
IRT high-performance send cycle	250 micros to 4 ms, 125 micros increments

03 DOCUMENTED USE SETTINGS

Industrial Assembly and Component Production: Industrial Assembly and Production.

Food Processing and Beverage Production: Food Processing and Production.

Water Supply and Municipal Wastewater Treatment: Municipal Water Supply Control.

04 SYSTEM COMPATIBILITY

Integrate 6ES7151-3AA23-0AB0 only in the documented SIMATIC ET 200S IM151-3 PN ST configuration. Match the installed interfaces and the engineered application before selecting this profinet station interface module.

05 PRODUCT EVIDENCE

Siemens IM151-3 PN manual, A5E01638907-04, 08/2010; applies from firmware V7.0

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**