AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7153-4BA00-0XB0

PROFINET High Feature Interface



SUPPLY	MODULES	INPUT	OUTPUT
24 V DC	**12 maximum**	**672 bytes**	**192 bytes**

The Siemens 6ES7153-4BA00-0XB0 is an IM 153-4 PN High Feature interface for SIMATIC ET 200M. It connects a station containing up to twelve S7-300 modules to PROFINET IO and supports compatible fail-safe and HART modules.

01 VERIFIED TECHNICAL INFORMATION

Interface type	IM 153-4 PN HF
Supply voltage	24 V DC; permissible range 20.4-28.8 V DC
Maximum supply current	600 mA at 24 V DC
Voltage-failure buffering	5 ms
Backplane supply	5 V DC, maximum 1.5 A
Typical power loss	6 W
Maximum station modules	12

Manufacturer evidence: Siemens 6ES7153-4BA00-0XB0 Data sheet; exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Input address area	672 bytes, including extended HART user data
Output address area	192 bytes
Network protocol	PROFINET IO
Shared device	Supported; maximum 2 IO controllers
Redundancy functions	MRP and PROFINET system redundancy S2
Isochronous operation	Isochronous mode and IRT supported
Degree of protection	IP20
Operating temperature	0-60 degrees Celsius

03 SOURCE AND CONFIGURATION CHECKS

Its communication functions include shared device, isochronous operation, prioritized startup and media redundancy. Extended HART input data occupies the documented input address area, while a separately rated backplane supply serves the installed modules. Station configuration remains dependent on the selected module combination.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Source: Siemens 2019-08-27. See the original pages in the accompanying manufacturer manual.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM