

SIMATIC ET 200SP

Installation Instructions

6ES7155-6AU00-0CN0

ET 200SP PROFINET Interface Module

PRODUCT TYPE	PROFINET INTERFACE	I/O MODULES	ET 200AL EXTENSION
IM 155-6 PN HF with server m	1 interface, 2 ports via BusAc	64 ET 200SP modules maxim	16 modules maximum

01 PRODUCT VERIFICATION

Article number	6ES7155-6AU00-0CN0
Product	ET 200SP PROFINET Interface Module
Family	SIMATIC ET 200SP
Product type	IM 155-6 PN HF with server module
PROFINET interface	1 interface, 2 ports via BusAdapter
I/O modules	64 ET 200SP modules maximum
ET 200AL extension	16 modules maximum
Rated supply	24 V DC

02 BEFORE INSTALLATION

- Switch off the 24 V DC station supply before mounting the interface module, BusAdapter or server module.
- Mount the interface module at the beginning of the ET 200SP station and place the server module after the last I/O module.

03 OFFICIAL INSTALLATION DRAWING

The selected Siemens source page is retained as the installation and wiring reference. Use the current controlled manual for final work.

Wiring

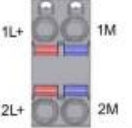
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3.1 Pin assignment

24 V DC supply voltage

The following table shows the signal names and the descriptions of the pin assignment for a 24 V DC supply voltage.

Table 3- 1 Pin assignment 24 V DC supply voltage

View		Signal name ¹	Description
Connector	IM connection		
		1L+	24 V DC
		2L+	24 V DC (for looping through) ²
		1M	Ground
		2M	Ground (for looping through) ²

¹ 1L+ and 2L+ as well as 1M and 2M are bridged internally.
² Maximum 10 A permitted.

04 INSTALLATION SEQUENCE

01

Switch off the 24 V DC station supply before mounting the interface module, BusAdapter or server module.

02

Mount the interface module at the beginning of the ET 200SP station and place the server module after the last I/O module.

03

Connect 24 V DC to X80 and install a supported two-port BusAdapter for the selected copper or fiber medium.

04

Verify device name, IP parameters, firmware, station size and PROFINET functions before starting cyclic I/O exchange.

05 OFFICIAL DOCUMENTATION

IM 155-6 PN HF Interface Module Manual (A5E03915895-AF)

[Open current Siemens manual](#)

[Open Siemens exact product record](#)

06 SUPPORT CONTACT

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