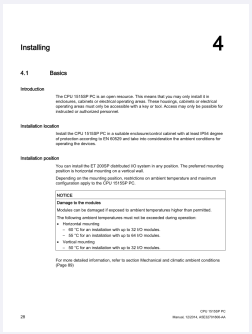
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6ES7677-2AA40-0AA0

CPU 1515SP PC controller


Installing 4

4.1 Basics

Introduction

The CPU 1515SP PC is an open resource. This means that you may only install it in suitable housings, cabinets or electrical operating areas. Access to housings, cabinets or operating areas must only be accessible with a key or tool. Access may only be possible for instructed or authorized personnel.

Installation location

Install the CPU 1515SP PC in a suitable enclosure/control cabinet with at least IP54 degree of protection according to EN 60529 and take into consideration the ambient conditions for operating the devices.

Installation position

You can install the ET 200SP distributed I/O system in any position. The preferred mounting position is with the bus connector pointing downward.

Depending on the mounting position, restrictions on ambient temperature and maximum configuration apply to the CPU 1515SP PC.

NOTICE

Damage to the modules

Modules can be damaged if exposed to ambient temperatures higher than permitted.

The following ambient temperatures must not be exceeded during operation:

- Horizontal mounting
  - 60 °C for an installation with up to 32 I/O modules.
  - 56 °C for an installation with up to 64 I/O modules.
- Vertical mounting
  - 50 °C for an installation with up to 32 I/O modules.

For more detailed information, refer to section Mechanical and climatic ambient conditions (Page 89)

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PRODUCT	6ES7677-2AA40-0AA0
FAMILY	SIMATIC ET 200SP Open Controllers
FUNCTION	CPU 1515SP PC controller
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Product Type	CPU 1515SP PC
Hardware Variant	WES7 P 64-bit
System Memory	4 GB RAM
Delivery Configuration	Spare part without CFast card
Mounting Standard	EN 60715 mounting rail
PROFINET Connection	BusAdapter required

02 PREPARATION AND CONNECTION

- Confirm the complete 6ES7677-2AA40-0AA0 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

03

OFFICIAL INSTALLATION REFERENCE

Installing 4

4.1 Basics

Introduction

The CPU 1515SP PC is an open resource. This means that you may only install it in enclosures, cabinets or electrical operating areas. These housings, cabinets or electrical operating areas must only be accessible with a key or tool. Access may only be possible for instructed or authorized personnel.

Installation location

Install the CPU 1515SP PC in a suitable enclosure/control cabinet with at least IP54 degree of protection according to EN 60529 and take into consideration the ambient conditions for operating the devices.

Installation position

You can install the ET 200SP distributed I/O system in any position. The preferred mounting position is horizontal mounting on a vertical wall.

Depending on the mounting position, restrictions on ambient temperature and maximum configuration apply to the CPU 1515SP PC.

NOTICE

Damage to the modules

Modules can be damaged if exposed to ambient temperatures higher than permitted.

The following ambient temperatures must not be exceeded during operation:

- Horizontal mounting
  - 60 °C for an installation with up to 32 I/O modules.
  - 55 °C for an installation with up to 64 I/O modules.
- Vertical mounting
  - 50 °C for an installation with up to 32 I/O modules.

For more detailed information, refer to section Mechanical and climatic ambient conditions (Page 89)

Official manufacturer page reproduced at its original aspect ratio.

04 COMMISSIONING CHECKS

01	Confirm product identity and mechanical seating.
02	Verify the documented supply before energising.
03	Inspect polarity, shielding and protective-earth connections.
04	Restore power in the approved sequence and observe status indications.
05	Test each connected input, output or communication path.
06	Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Siemens CPU 1515SP PC Manual A5E32701806-AA
Product record	6ES7677-2AA40-0AA0
Manufacturer	Siemens
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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