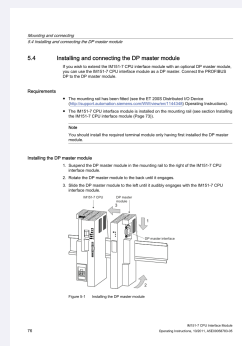


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6ES7151-7AA21-0AB0

IM 151-7 CPU interface module



PRODUCT	6ES7151-7AA21-0AB0
FAMILY	SIMATIC ET 200S
FUNCTION	IM 151-7 CPU interface module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from ET 200S documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Hardware Version	01
Firmware Version	V3.3
Programming Package	STEP 7 V5.2 SP1 or V5.5 SP1
Work Memory	128 KB
Retentive Data Memory	64 KB
Memory Card Capacity	8 MB maximum

02

PREPARATION AND CONNECTION

- Confirm the complete 6ES7151-7AA21-0AB0 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.

Mounting and connecting

5.4 Installing and connecting the DP master module

5.4 Installing and connecting the DP master module

If you wish to extend the IM151-7 CPU interface module with an optional DP master module, you can use the IM151-7 CPU interface module as a DP master. Connect the PROFIBUS DP to the DP master module.

Requirements

- The mounting rail has been fitted (see the ET 200S Distributed I/O Device (<http://support.automation.siemens.com/WW/view/en/1144348>) Operating Instructions).
- The IM151-7 CPU interface module is installed on the mounting rail (see section Installing the IM151-7 CPU interface module (Page 73)).

Note

You should install the required terminal module only having first installed the DP master module.

Installing the DP master module

1. Suspend the DP master module in the mounting rail to the right of the IM151-7 CPU interface module.
2. Rotate the DP master module to the back until it engages.
3. Slide the DP master module to the left until it audibly engages with the IM151-7 CPU interface module.

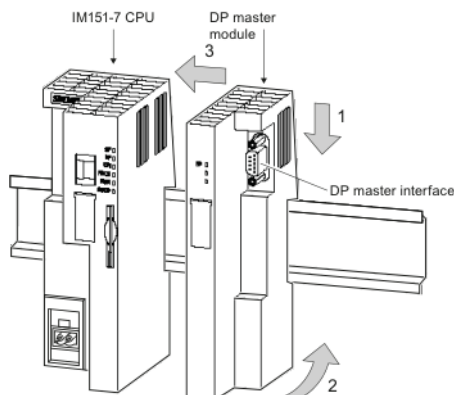


Figure 5-1 Installing the DP master module

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 official manufacturer documentation
Product record	6ES7151-7AA21-0AB0
Manufacturer	ET 200S
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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