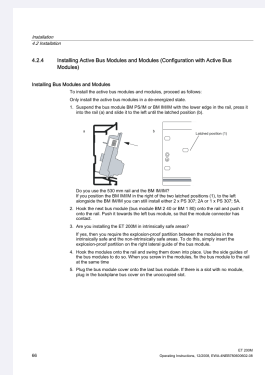


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Siemens 6ES7195-7HB00-0XA0

ET 200M active bus module



PRODUCT	6ES7195-7HB00-0XA0
FAMILY	SIMATIC ET 200M
FUNCTION	ET 200M active bus module
STATUS	Verify exact configuration

Prepared by Amikon Limited from Siemens ET 200M manual, 12/2008, sections 4.2.2-4.2.4. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

I/O mounting positions	One or two I/O modules
Supported I/O module width	40 mm per module
Backplane continuity	Other modules remain reachable when an I/O module is absent
Required mounting rail	Active-bus rail, Siemens 6ES7195-1Gxx0-0XA0
Bus-module installation state	De-energized only
Vacant-slot protection	Backplane bus cover required on unused I/O positions
End-of-bus protection	Bus module cover required on the last bus module

02 MOUNTING AND CONNECTION

- Isolate station power before installing or replacing the active bus module.
- Use the specified active-bus rail; provide 40 mm clearance above and below the rail.
- Hook the BM 2 x 40 onto the rail and slide it left until the adjacent bus connectors engage.
- Seat I/O modules squarely in the side guides; secure them so the bus module is fixed to the rail.
- Fit unused-slot and end-of-bus covers. Prevent unintended output activation during I/O insertion.

OFFICIAL INSTALLATION REFERENCE

Installation

4.2 Installation

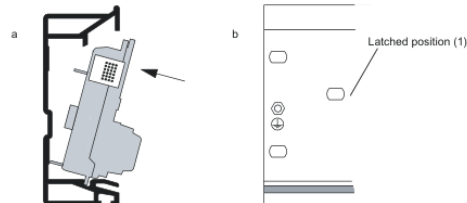
4.2.4 Installing Active Bus Modules and Modules (Configuration with Active Bus Modules)

Installing Bus Modules and Modules

To install the active bus modules and modules, proceed as follows:

Only install the active bus modules in a de-energized state.

1. Suspend the bus module BM PS/IM or BM IM/IM with the lower edge in the rail, press it into the rail (a) and slide it to the left until the latched position (b).



Do you use the 530 mm rail and the BM IM/IM?

If you position the BM IM/IM in the right of the two latched positions (1), to the left alongside the BM IM/IM you can still install either 2 x PS 307; 2A or 1 x PS 307; 5A.

2. Hook the next bus module (bus module BM 2 40 or BM 1 80) onto the rail and push it onto the rail. Push it towards the left bus module, so that the module connector has contact.
3. Are you installing the ET 200M in intrinsically safe areas?
If yes, then you require the explosion-proof partition between the modules in the intrinsically safe and the non-intrinsically safe areas. To do this, simply insert the explosion-proof partition on the right lateral guide of the bus module.
4. Hook the modules onto the rail and swing them down into place. Use the side guides of the bus modules to do so. When you screw in the modules, fix the bus module to the rail at the same time.
5. Plug the bus module cover onto the last bus module. If there is a slot with no module, plug in the backplane bus cover on the unoccupied slot.

Official manufacturer reference reproduced from Siemens ET 200M manual, 12/2008, sections 4.2.2-4.2.4. Use the current source document and all referenced drawings and notes for installation.

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CABLE ROUTING AND CONNECTION

- Use the specified active-bus rail; provide 40 mm clearance above and below the rail.
- Hook the BM 2 x 40 onto the rail and slide it left until the adjacent bus connectors engage.
- Seat I/O modules squarely in the side guides; secure them so the bus module is fixed to the rail.
- Fit unused-slot and end-of-bus covers. Prevent unintended output activation during I/O insertion.
- Verify rail grounding, module order, connector engagement and station diagnostics before service.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Verify wiring, grounding, enclosure, and applicable hazardous-area requirements.
- Confirm station diagnostics and the intended I/O response before returning to service.
- Record the installed order number and baseline operating condition.

06

CONTROLLED DOCUMENTS

Official source	Siemens ET 200M manual, 12/2008, sections 4.2.2-4.2.4
Product record	6ES7195-7HB00-0XA0
Manufacturer	Siemens
Support	INFO@AMIKON.CN