

6ES7153-2BA82-0XB0

IM 153-2 High Feature Interface Module

CONTROLLED ENGINEERING COPY

Siemens 6ES7153-2BA82-0XB0 is the im 153-2 high feature interface module for SIMATIC ET 200M / DP-PA Link. It provides PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link configurations in the documented installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6ES7153-2BA82-0XB0
Manufacturer	Siemens
System family	SIMATIC ET 200M / DP-PA Link
Record scope	Installation, application and verification

1

PLAN

2

ISOLATE

3

CONNECT

4

CONFIGURE

5

TEST

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01 PRE-INSTALLATION PLAN

1

Confirm the complete 6ES7153-2BA82-0XB0 marking and the documented IM 153-2 High Feature Interface Module execution.

2

Place the machine, controller and affected process in the approved maintenance state.

3

Isolate all hazardous energy and prove the safe state before disconnecting hardware.

4

Record the installed position, every terminal or port, and the active engineering configuration.

5

Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

MATCHED HARDWARE

- Siemens 6ES7153-2BA82-0XB0 with complete article identity
- Matched SIMATIC ET 200M / DP-PA Link host or connected equipment
- Documented power, signal and communication interfaces
- Approved configuration, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6ES7153-2BA82-0XB0 recorded
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link configurations

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product designation	IM 153-2 High Feature
Primary bus	PROFIBUS DP
Supported applications	ET 200M, DP/PA Link and Y-Link
S7-300 modules	Up to 12 in ET 200M application
Redundant operation	Supported in documented configurations
Time stamping	Supported
Isochronous mode	Supported
HART auxiliary variables	Supported
64-channel modules	32 signals per slot
Replacement relation	Functionally covered by 6ES7153-2BA70-0XB0 subject to Siemens notes

RELATED PRODUCT PAGES

1 Siemens 6ES7151-1AA06-0AB0

2 Siemens 6ES7653-2CE00-0XB0

3 Siemens 6ES7653-2CC00-0XB0

4 Siemens 6ES7155-6AU01-0BN0

5 Siemens 6ES7155-6AA01-0BN0

6 Siemens 6ES7153-4BA00-0XB0

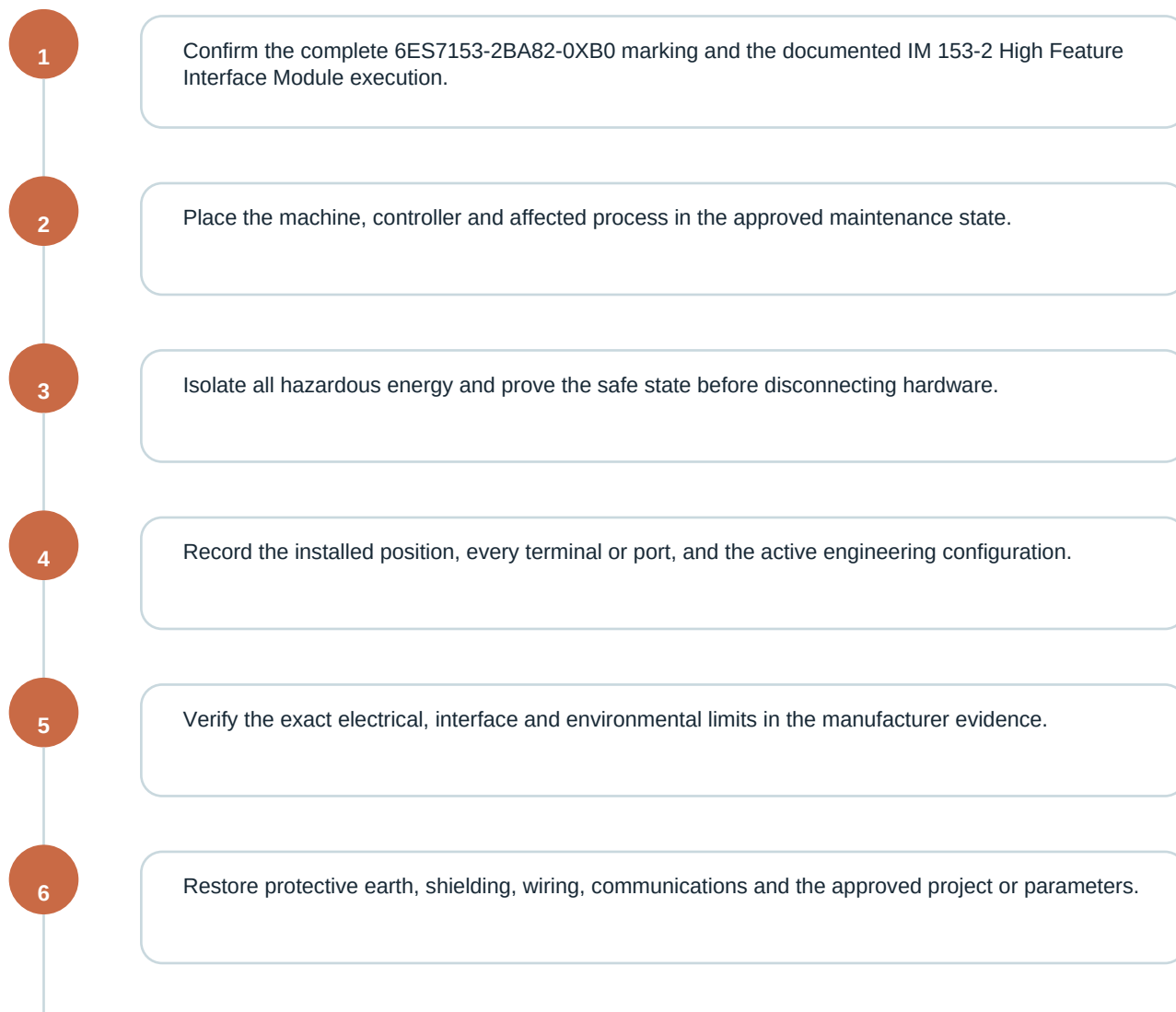
7 Siemens 6ES7153-2BA02-0XB0

8 Siemens 6ES7138-4CA01-0AA0

FIELD NOTE

Confirm 6ES7153-2BA82-0XB0, its exact SIMATIC ET 200M / DP-PA Link host, power source, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6ES7153-2BA82-0XB0
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link configurations

04 RETURN-TO-SERVICE RECORD

- ☐
- Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

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VERIFICATION RECORD

PRODUCT IDENTITY	6ES7153-2BA82-0XB0
INSTALLED POSITION	Documented SIMATIC ET 200M / DP-PA Link position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐
- Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

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SOURCE IDENTIFIERS

Siemens IM 153-2 product information and ET 200M operating instructions | Official manufacturer evidence verified 28 September 2026