

INDUSTRIAL AUTOMATION PRODUCT

6ES7153-2BA82-0XB0

IM 153-2 High Feature Interface Module

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SIMATIC ET 200M / DP-PA Link
Part number	6ES7153-2BA82-0XB0
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Use 6ES7153-2BA82-0XB0 only in the documented SIMATIC ET 200M / DP-PA Link position. Preserve the exact connectors, power, signal or network configuration and verify PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link configurations during controlled commissioning.

System Role and Architecture

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.

FUNCTION 1
Product designation: IM 153-2 High Feature

FUNCTION 2
Primary bus: PROFIBUS DP

FUNCTION 3
Supported applications: ET 200M, DP/PA Link and Y-Link

FUNCTION 4
S7-300 modules: Up to 12 in ET 200M application

RELATED APTER POWER 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

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	SIMATIC ET 200M / DP-PA Link
02	Matched SIMATIC ET 200M / DP-PA Link host or field system
03	Documented power, signal, communication and protective interfaces
04	Approved engineering configuration and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SIMATIC ET 200M / DP-PA Link
Interface role	PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link configurations
Field / power context	documented SIMATIC ET 200M / DP-PA Link installation
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

RELATED PRODUCT PAGES

1Siemens 6ES7151-1AA06-0AB0

2Siemens 6ES7653-2CE00-0XB0

3Siemens 6ES7653-2CC00-0XB0

4Siemens 6ES7155-6AU01-0BN0

5Siemens 6ES7155-6AA01-0BN0

6Siemens 6ES7153-4BA00-0XB0

7Siemens 6ES7153-2BA02-0XB0

8Siemens 6ES7138-4CA01-0AA0

ENGINEERING BOUNDARY

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.

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

SIMATIC ET 200M / DP-PA Link installation

Uses 6ES7153-2BA82-0XB0 for PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link configurations in the documented host architecture.

Controlled replacement

Restores the exact 6ES7153-2BA82-0XB0 identity, interfaces and configuration before energization.

Commissioning verification

Checks 6ES7153-2BA82-0XB0 diagnostics and the affected function under controlled conditions.

Lifecycle maintenance

Preserves the approved SIMATIC ET 200M / DP-PA Link wiring, network and engineering record during service work.

TECHNICAL NOTE

Use 6ES7153-2BA82-0XB0 only in the documented SIMATIC ET 200M / DP-PA Link position. Preserve the exact connectors, power, signal or network configuration and verify PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link configurations during controlled commissioning.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	6ES7153-2BA82-0XB0 recorded
Host / carrier	SIMATIC ET 200M / DP-PA Link
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

IMPORTANT NOTICE

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.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Siemens 6ES7151-1AA06-0AB0

View Siemens 6ES7151-1AA06-0AB0 page

2

Siemens 6ES7653-2CE00-0XB0

View Siemens 6ES7653-2CE00-0XB0 page

3

Siemens 6ES7653-2CC00-0XB0

View Siemens 6ES7653-2CC00-0XB0 page

4

Siemens 6ES7155-6AU01-0BN0

View Siemens 6ES7155-6AU01-0BN0 page

5

Siemens 6ES7155-6AA01-0BN0

View Siemens 6ES7155-6AA01-0BN0 page

6

Siemens 6ES7153-4BA00-0XB0

View Siemens 6ES7153-4BA00-0XB0 page

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Siemens 6ES7153-2BA02-0XB0

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Siemens 6ES7138-4CA01-0AA0

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MANUFACTURER SOURCE RECORD

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

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.