

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

PRODUCT SNAPSHOT

BRAND
Siemens

FAMILY
SIMATIC ET 200M / DP-PA Link

PART
6ES7153-2BA82-0XB0

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

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www.apterpower.com



PRODUCT OVERVIEW

Siemens 6ES7153-2BA82-0XB0 provides PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link configurations in a documented SIMATIC ET 200M / DP-PA Link installation.



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

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

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
IM 153-2 High Feature Interface Module	SIMATIC ET 200M / DP-PA Link
Documented power, signal and communication interfaces	Approved engineering configuration and acceptance record

ENGINEERING CONTEXT

The component remains matched to its documented cabinet position, power source, interfaces and approved engineering configuration. Commissioning restores that architecture and verifies the affected control or communication function under controlled conditions.

TECHNICAL DATA

PARAMETER	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

PARAMETER	VALUE
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

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

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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

SIMATIC ET 200M / DP-PA Link installation

Uses 6ES7153-2BA82-0XB0 for PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link

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

PRODUCT PRECAUTIONS

1

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

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.

6

Restore protective earth, shielding, wiring, communications and the approved project or

7

Energize under control and review all device, rack, network and process diagnostics.

8

Complete a controlled functional test of PROFIBUS interface operation for ET 200M, DP/PA Link or Y-Link

RELATED APTER POWER PAGES

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7

Siemens 6ES7153-2BA02-0XB0

8

Siemens 6ES7138-4CA01-0AA0

ENGINEER FAQ

Q1 What interface-module designation belongs to 6ES7153-2BA82-0XB0?

For 6ES7153-2BA82-0XB0, the official Siemens evidence records product designation as IM 153-2 High Feature. Apply that value only within the documented SIMATIC ET 200M / DP-PA Link configuration

Q2 Which fieldbus forms the primary network connection?

For 6ES7153-2BA82-0XB0, the official Siemens evidence records primary bus as PROFIBUS DP. Apply that value only within the documented SIMATIC ET 200M / DP-PA Link configuration and

Q3 Which three Siemens architectures are covered by this IM 153-2 variant?

For 6ES7153-2BA82-0XB0, the official Siemens evidence records supported applications as ET 200M, DP/PA Link and Y-Link. Apply that value only within the documented SIMATIC ET 200M / DP-PA Link

Q4 How many S7-300 modules can an ET 200M application contain?

For 6ES7153-2BA82-0XB0, the official Siemens evidence records s7-300 modules as Up to 12 in ET 200M application. Apply that value only within the documented SIMATIC ET 200M / DP-PA Link

Q5 Under what documented architecture can redundant operation be used?

For 6ES7153-2BA82-0XB0, the official Siemens evidence records redundant operation as Supported in documented configurations. Apply that value only within the documented SIMATIC ET 200M / DP-PA Link

Q6 Does the interface module support time-stamped process events?

For 6ES7153-2BA82-0XB0, the official Siemens evidence records time stamping as Supported. Apply that value only within the documented SIMATIC ET 200M / DP-PA Link configuration and confirm the affected

Q7 Can the station operate in isochronous mode with this interface?

For 6ES7153-2BA82-0XB0, the official Siemens evidence records isochronous mode as Supported. Apply that value only within the documented SIMATIC ET 200M / DP-PA Link configuration and

Q8 How are HART auxiliary variables handled by the High Feature module?

For 6ES7153-2BA82-0XB0, the official Siemens evidence records hart auxiliary variables as Supported. Apply that value only within the documented SIMATIC ET 200M / DP-PA Link configuration and

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8 Siemens 6ES7138-4CA01-0AA0

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

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