# 6ES7153-2BA00-0XB0

## 01 / Product overview

### IM 153-2 Interface Module

Siemens 6ES7153-2BA00-0XB0 is an IM 153-2 interface module for an ET 200M distributed I/O station. It connects a configured ET 200M station to a PROFIBUS DP automation network and coordinates the station's installed I/O modules. The controller program and station configuration determine which process signals are exchanged.

### Product identity

| | |
|---|---|
| Product type | IM 153-2 Interface Module |
| Product series | SIMATIC ET 200M |
| Distributed I/O family | SIMATIC ET 200M |

### Technical specifications

| | |
|---|---|
| Product type | IM 153-2 interface module |
| Distributed I/O family | SIMATIC ET 200M |
| Fieldbus | PROFIBUS DP |
| Station function | Interface for configured ET 200M I/O modules |
| Advanced functions | Hardware-revision and project dependent |

**Product and installation enquiries**

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

# 02 / Applications and service decisions

## Remote process I/O

Connect field-side ET 200M signal modules to a PROFIBUS DP controller.

## Machine distributed I/O

Place sensor and actuator modules near machine sections while retaining a central PLC program.

## Match the complete unit

Check the full 6ES7153-2BA00-0XB0 marking and any hardware revision against the installation record.

## Isolate the installation

Follow the approved SIMATIC ET 200M isolation and stored-energy procedure before handling the unit.

## Preserve the connection record

Label and photograph the im 153-2 interface module connections, terminations and mounting before removal.

## Plant expansion

Integrate a configured ET 200M station into an existing PROFIBUS DP segment.

## Interface replacement

Restore a documented ET 200M station with matching bus address, hardware revision and module map.

## Restore the configuration

Retain the approved SIMATIC ET 200M address, range, software or calibration settings that apply to the installed unit.

## Protect the hardware

Use suitable electrostatic-discharge and mechanical protection while handling connectors, boards and retaining parts.

## Verify the affected functions

After fitting 6ES7153-2BA00-0XB0, check diagnostics and the relevant I/O or process response under the site acceptance plan.

**Product and installation enquiries**

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

# 6ES7153-2BA00-0XB0

## 03 / Selection and technical reference

### What is the product type of Siemens 6ES7153-2BA00-0XB0?

IM 153-2 interface module.

### What is the distributed i/o family of Siemens 6ES7153-2BA00-0XB0?

SIMATIC ET 200M.

### What is the fieldbus of Siemens 6ES7153-2BA00-0XB0?

PROFIBUS DP.

### What is the station function of Siemens 6ES7153-2BA00-0XB0?

Interface for configured ET 200M I/O modules.

### What should be preserved before replacing Siemens 6ES7153-2BA00-0XB0?

Record the full label, fitted connections and approved SIMATIC ET 200M settings. Preserve the existing wiring and configuration record.

### How is Siemens 6ES7153-2BA00-0XB0 checked after installation?

Check diagnostics and the affected im 153-2 interface module functions under the approved site test procedure.

### Technical basis

Siemens SIMATIC ET 200M operating instructions, IM 153-2 interface module.

### Related Siemens references

Siemens 6ES7136-6DB00-0CA0

Siemens 6ES7592-1BM00-0XA0

Siemens 6ES7522-1BH00-0AB0

**Product and installation enquiries**

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.