6ES7153-2BA00-0XB0

01 / Identity and system function

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 position



Technical characteristics

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

System integration

The interface module is part of a modular station rather than a stand-alone controller. Its address, hardware configuration, PROFIBUS network arrangement and fitted I/O modules must be retained or deliberately re-engineered during service. Revision-dependent capabilities, including isochronous operation, require checking the actual module version and engineering configuration.

Product and installation enquiries

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Apply manufacturer instructions and approved site procedures.

6ES7153-2BA00-0XB0

02 / Engineering data and service scope

Further characteristics

Advanced functions	Hardware-revision and project dependent

ET 200M stations are used to position process I/O close to field equipment and reduce long point-to-point wiring back to the central controller. A replacement interface must match the installed rack arrangement, bus connector and configured station identity. After restoration, review bus diagnostics and affected I/O under the site's approved test procedure.

Applicability

The characteristics above describe the identified SIMATIC ET 200M execution of 6ES7153-2BA00-0XB0. Optional functions, connected devices and installed revisions must be checked against the complete marking and approved project configuration.

Technical basis

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

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.

Related Siemens references

Siemens 6ES7136-6DB00-0CA0

Siemens 6ES7592-1BM00-0XA0

Siemens 6ES7522-1BH00-0AB0

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