

Norwegian ST standard interface module



Overview

Manuals IM 151-1 STANDARD and IM 151-1 HIGH Check the structure or the configuration of the ET 200S, whether a module is missing or What are the difference.

Key Takeaways

The Norwegian ST standard interface module refers to the SIMATIC ET 200SP IM 155-6 PN ST, a PROFINET-compatible I/O interface module for industrial automation. Overview

The ST interface module is designed for connecting distributed I/O modules to a PLC via PROFINET, supporting up to 32 I/O modules per connection. It enables seamless communication between field devices and control systems, facilitating efficient data exchange and control in industrial environments .

Key Features

- Supply Voltage: 19.2 – 28.8 V DC
- I/O Capacity: Maximum address volume per module is 288 bytes, with up to 1440 bytes per station
- Communication: Supports PROFINET IO, Industrial Ethernet (Open IE), and Media Redundancy Protocol (MRP)
- Real-Time Performance: Isochronous real-time communication (IRT) with a minimum cycle time of 250 µs



- Diagnostics: LED indicators for module errors and status, supporting identification data I&M 0 to 4
 - Hot Swapping: Modules can be exchanged under power without system downtime
 - Fail-Safe Support: Compatible with safety modules and multiple PLC access (MSI/MSO)
 - Environmental Range: Horizontal installation: -30 to 60 °C; Vertical installation: -30 to 50 °C
 - Protection Class: IP65/67 for system expansion with ET 200AL modules
- Applications

The ST interface module is widely used in industrial automation, including:

- Factory automation and process control
- Distributed I/O systems requiring high-speed communication
- Systems needing multi-controller access and fail-safe operation
- Environments with harsh conditions, thanks to its wide temperature range and IP-rated protection

Additional Information

Interface modules like the ST module act as intermediaries between sensors, actuators, and PLCs, converting analog or digital signals into formats suitable for control systems. They are critical for ensuring reliable, flexible, and efficient automation processes . Authorized distributors in Norway, such as Mouser Electronics, provide datasheets, inventory, and technical support for these modules . For detailed specifications, planning, and procurement, the Norwegian Standards catalog and Siemens product documentation can be consulted .

Article Content

Siemens SIMATIC ET 200S IM151-1 FO STANDARD Manual

Properties Properties The IM151-1 FO STANDARD interface module has the following features: It connects the ET 200S with

Siemens ET 200S IM151-1 STANDARD Manual | Manualzz

This manual provides information on installing, configuring, and using the IM151-1 STANDARD interface module in your ET 200S

SIMATIC ET 200SP – IM 155-6PN Basic / Standard PROFINET

Package includes server module SIMATIC IM 155-6PN Standard with a PROFINET interface for SIMATIC BusAdapters Two types of

ET 200S Interfacemodule IM 151/CPU

The manual describes the hardware of the IM 151/CPU interface module and is aimed at configuration engineers, commissioning

Manual AS-Interface master CM AS-i Master ST (3RK7137

In a SIMATIC ET 200SP station with an IM 155-6 PN ST standard interface module and a maximum address space of 256 bytes, up

what is function class of Siemens AI module? (ST,BA,HF)

Basic (BA): The Basic board is designed for basic requirements. Standard (ST): The Standard board is designed for

Siemens SIMATIC IM151-1 STANDARD Manuals | ManualsLib

Siemens SIMATIC IM151-1 STANDARD Manual (74 pages) ET 200S distributed I/O HIGH FEATURE interface module Brand:

SIRIUS ACT with PROFINET IO

The SIRIUS ACT fail-safe interface module can communicate with a fail-safe CPU by means of the PROFINET standard and the

Interface module IM151-3 PN (6ES7151-3AA23-0AB0)

Compatibility with the predecessor module The interface module IM151-3 PN(6ES7151-3AA23-0AB0) is compatible with interface

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

