AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7154-4AB10-0AB0

ET 200pro PROFINET Interface



SUPPLY	INPUT	OUTPUT	NETWORK
24 V DC	**256 bytes**	**256 bytes**	**100 Mbit/s**

The Siemens 6ES7154-4AB10-0AB0 is an IM 154-4 PN High Feature interface for SIMATIC ET 200pro. Its integrated switch supports PROFINET communication, while the terminating module is included. The required IM PN connection module is ordered separately.

01 VERIFIED TECHNICAL INFORMATION

Interface function	IM 154-4 PN High Feature for ET 200pro
Supply voltage 1L+	24 V DC
Load voltage 2L+	24 V DC
Reverse-polarity protection	Protection against destruction on supply and load voltage
Input current	Maximum 400 mA from 1L+ under the stated optical-connection/full-backplane-load condition
Typical power loss	6 W for the stated copper-connection condition; optical connection approximately 0.7 W higher
Parameter storage	Internal memory medium; no Micro Memory Card

Manufacturer evidence: Siemens 6ES7154-4AB10-0AB0 Data sheet; exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Input address area	256 bytes
Output address area	256 bytes
PROFINET transmission rate	Maximum 100 Mbit/s; automatic rate detection
Diagnostic alarm	Supported and parameterizable
Hardware interrupt	Supported and parameterizable
Module hot swapping	Supported in the documented station arrangement
Protection ratings	IP65, IP66 and IP67 according to EN 60529
Operating temperature	-25 to +55 degrees Celsius

03 SOURCE AND CONFIGURATION CHECKS

The interface combines process-data exchange with configurable diagnostic and hardware interrupts. It uses internal memory rather than a Micro Memory Card, provides equal input and output address capacity, and supports module hot swapping within the documented ET 200pro station arrangement.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Source: Siemens 2017-03-16. See the original pages in the accompanying manufacturer manual.

AMIKON PRODUCT SUPPORT

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