AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7155-6BA01-0CN0

PROFIBUS High Feature Bundle

SUPPLY	NETWORK	STATION	RATE
24 V DC	**PROFIBUS DP**	**244 bytes I/O**	**12 Mbit/s**

The Siemens 6ES7155-6BA01-0CN0 is an ET 200SP IM 155-6 DP High Feature bundle. Its documented contents are interface 6ES7155-6BU01-0CN0, server module 6ES7193-6PA00-0AA0 and PROFIBUS FastConnect connector 6ES7972-0BB70-0XA0, providing an RS485 connection to PROFIBUS DP.

01 VERIFIED TECHNICAL INFORMATION

Interface designation	IM 155-6 DP HF
Included interface component	6ES7155-6BU01-0CN0
Included server module	6ES7193-6PA00-0AA0
Included PROFIBUS connector	6ES7972-0BB70-0XA0
Supply voltage	24 V DC; permissible range 19.2-28.8 V
Maximum current consumption	335 mA
Typical power loss	1.5 W

Manufacturer evidence: Interface module IM 155-6 DP HF (6ES7155-6BA01-0CN0); exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Voltage-failure buffering	10 ms
Station capacity	32 I/O modules plus 16 ET 200AL modules
Module address space	32 bytes per input/output direction
Station address space	244 bytes per input/output direction
Network interface	One RS485 PROFIBUS DP slave interface
Maximum transmission rate	12 Mbit/s
Supported DP services	SYNC, FREEZE, DPV0 and DPV1
Application isochronous mode	Not supported

03 SOURCE AND CONFIGURATION CHECKS

The station supports up to thirty-two ET 200SP I/O modules and sixteen ET 200AL modules, with separately limited process-data capacity. Multi hot swapping and configuration control depend on the documented controller settings and software conditions; this PROFIBUS product is not a PROFINET interface.

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

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

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