

SIMATIC ET 200SP IM 155-6 PN HS

Product Data Sheet

6ES7155-6AU00-0DN0

High Speed Station Interface Module

MAXIMUM PERIPHERAL MODULES	MAXIMUM SUBMODULE COUNT	PROFINET PORT ALLOCATION	BUS TRANSMISSION RATE
30 modules	125 per station	1 interface, 2 ports through BusAdapter	100 Mbit/s full duplex

Siemens 6ES7155-6AU00-0DN0 is the IM 155-6 PN HS PROFINET interface for SIMATIC ET 200SP. It connects a compatible high-speed distributed I/O station to the configured IO controller.

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VERIFIED TECHNICAL DATA

Maximum peripheral modules	30 modules
Maximum submodule count	125 per station
PROFINET port allocation	1 interface, 2 ports through BusAdapter
Bus transmission rate	100 Mbit/s full duplex
Minimum isochronous cycle	125 micros
Maximum isochronous cycle	4 ms
Maximum timing jitter	0.25 micros
Shared-device controller capacity	4 IO controllers
Permitted supply range	19.2 to 28.8 V DC
Maximum input current	700 mA, documented firmware V4.0 execution

Maximum inrush current	3.7 A
Inrush integral	0.09 A ² s
Typical power loss	2.4 W
Station process-data capacity	968 input bytes and 968 output bytes
Media redundancy ring limits	MRP 50 stations; MRPD 30 stations

Automotive Manufacturing and Component Production: Automotive Assembly Process Automation.

Manufacturing and Industrial Production Automation: Industrial Manufacturing Process Automation.

Packaging Production and Material Converting: Industrial Packaging Process Automation.

Integrate 6ES7155-6AU00-0DN0 only in the documented SIMATIC ET 200SP IM 155-6 PN HS configuration. Match the installed interfaces and the engineered application before selecting this high speed station interface module.

Siemens IM 155-6 PN HS product manual A5E34928685-AA, 09/2016, V4.0 technical table