SIMATIC PN/PN

Product Data Sheet

6ES7158-3AD00-0XA0

PN/PN Coupler

PROFINET TRANSFER RATE	ETHERNET SERVICES RATE	TRANSMISSION METHOD	PROFINET PORTS
100 Mbit/s full duplex	**10 Mbit/s**	**100BASE-TX**	**4 × RJ45**

Siemens 6ES7158-3AD00-0XA0 is the PN/PN Coupler for SIMATIC PN/PN. The coupler exchanges configured I/O data between two PROFINET IO subnets.

01 TECHNICAL DATA

PROFINET transfer rate	100 Mbit/s full duplex
Ethernet services rate	10 Mbit/s
Transmission method	100BASE-TX
PROFINET ports	4 × RJ45
Rated supply	24 V DC
Supply range	20.4–28.8 V DC
Typical supply current	400 mA
Typical power loss	6 W
Power failure bypass	5 ms minimum
Insulation test voltage	500 V DC

Siemens PN/PN coupler Installation and Operating Manual, Appendix A

02 ADDITIONAL PRODUCT DATA

PROFINET transfer rate is specified as 100 Mbit/s full duplex. The published data also lists 10 Mbit/s for ethernet services rate and 100BASE-TX for transmission method.

03 PRODUCT FUNCTION

The coupler exchanges configured I/O data between two PROFINET IO subnets. Review the host documentation for the installed SIMATIC PN/PN configuration.

04 SYSTEM COMPATIBILITY

Match each subnet and its configured I/O data layout to the saved project. Compare the project settings with the corresponding product ratings.

05 REFERENCE

Siemens PN/PN coupler Installation and Operating Manual, Appendix A

AMIKON PRODUCT SUPPORT

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