

PROSAFE-RS OPTICAL ESB BUS MODULES

Product Data Sheet

SNT401-5F S1

optical ESB bus repeater

FUNCTION optical ESB bus repeater	FAMILY ProSafe-RS optical ESB bus modules	ORIGIN Japan	WEIGHT 0.55 kg
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Yokogawa ProSafe-RS SNT401-5F S1 is a optical ESB bus repeater for the ProSafe-RS optical ESB bus modules. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Bus role	Optical ESB repeater master
Maximum optical distance	5 km
Compatible master interfaces	SEC401, SEC402 or SSB401
Matched slave modules	SNT501 or S2EN501
Installation arrangement	Duplex pair in consecutive slots
Bus 1 slot rule	Odd-numbered slot
Bus 2 slot rule	Even-numbered slot
Explosion protection	None for suffix -5
Environmental class	ISA Standard G3
Operating range	-20 to 70 °C

ADDITIONAL PRODUCT DATA

Module width	32.8 mm
Module height	142.5 mm
Module depth	130 mm

OFFICIAL APPLICATIONS

- Remote safety I/O network trunks: Safety Network Systems
- Distributed interlock cabinet networks: Process Safety Systems
- Redundant safety-node communications: Plant Protection Systems

SYSTEM COMPATIBILITY

Match SNT401-5F S1 to the installed ProSafe-RS optical ESB bus modules, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Yokogawa official manufacturer documentation](#)

Official manufacturer documentation

AMIKON PRODUCT SUPPORT

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