PROSAFE-RS MULTIMODE OPTICAL ESB

Product Data Sheet

SNT521-53 S1

Multimode Optical ESB Slave Module

OPTICAL MEDIUM	ELECTRICAL BUS	OPTICAL ENDPOINT ROLE	CORRESPONDING MASTER MODULE
Multimode fiber	**ESB**	**Slave**	**SNT421**

Yokogawa SNT521-53 S1 belongs to the SNT521 optical ESB bus repeater slave family for multimode fiber. The manufacturer product guide identifies SNT421 as the corresponding master family and SNT521 as the slave family. This designation concerns the optical extension of the ESB I/O connection rather than a general-purpose Ethernet interface.

01 TECHNICAL DATA

Optical medium	Multimode fiber
Electrical bus	ESB
Optical endpoint role	Slave
Corresponding master module	SNT421
Explosion-protection selection	Without explosion protection

Yokogawa SNT521-53 S1 technical reference; confirmed shared specifications with variant-specific ratings identified sepa

02 ADDITIONAL PRODUCT DATA

The SNT521-53 S1 selection is identified without explosion protection in the manufacturer revision-release list. SNT421 is the corresponding multimode master family. The slave role and optical medium must be preserved; link distance, wavelength, optical budget and supply-current figures from SNT501 or SNT511 are not assigned to this module.

03 PRODUCT FUNCTION

Use SNT521-53 S1 within the ProSafe-RS multimode optical ESB arrangement. The manufacturer index identifies the SNT421 master and SNT521 slave families separately; retain the slave endpoint role when selecting an installed replacement.

04 SYSTEM COMPATIBILITY

Identify the installed fiber type, opposite endpoint and complete order codes together. A specification for a different optical SNT family is not sufficient to establish the permitted optical budget or total distance of this multimode selection.

05 REFERENCE

Yokogawa SNT521-53 S1 technical reference; confirmed shared specifications with variant-specific ratings identified separately.

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