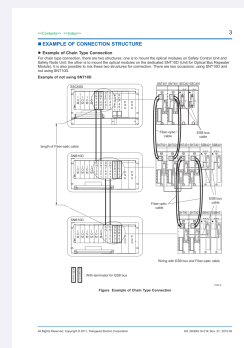


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

SNT401-5F S1

optical ESB bus repeater



PRODUCT	SNT401-5F S1
FAMILY	ProSafe-RS optical ESB bus modules
FUNCTION	optical ESB bus repeater
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Yokogawa ProSafe-RS documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

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

02 PREPARATION AND CONNECTION

- Confirm the complete SNT401-5F S1 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

<<Contents>> <<Index>>

3

■ EXAMPLE OF CONNECTION STRUCTURE

● Example of Chain Type Connection

For chain type connection, there are two structures: one is to mount the optical modules on Safety Control Unit and Safety Node Unit; the other is to mount the optical modules on the dedicated SNT10D (Unit for Optical Bus Repeater Module). It is also possible to mix these two structures for connection. There are two occasions: using SNT10D and not using SNT10D.

Example of not using SNT10D

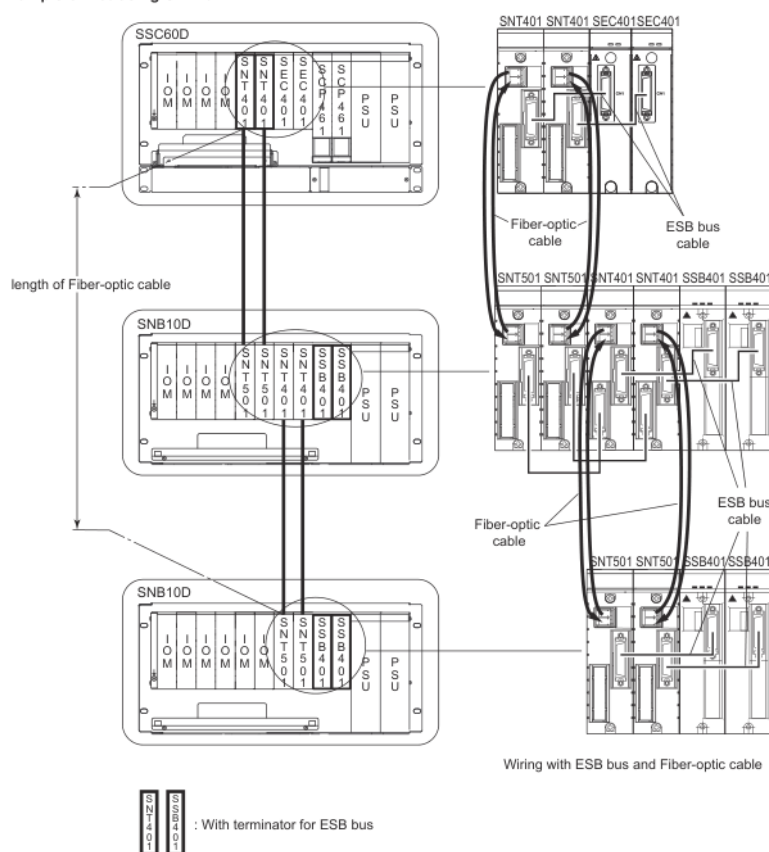


Figure Example of Chain Type Connection

F02E.01

04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Yokogawa official manufacturer documentation
Product record	SNT401-5F S1
Manufacturer	Yokogawa ProSafe-RS
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM