FIELD INSTALLATION QUICK GUIDE

Installation Instructions

3500/22M-01-01-01

Ethernet transient data interface


Graphs and Figures

PRODUCT	3500/22M-01-01-01
FAMILY	3500/22M Transient Data Interface
FUNCTION	Ethernet transient data interface
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Bently Nevada documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Interface execution	01: standard TDI
Rear I/O option	01: 10Base-T/100Base-TX
Approval option	01: CSA/NRTL/C Class I Division 2
Power consumption	10.5 W
Front communication port	USB-B
Copper network connector	RJ-45

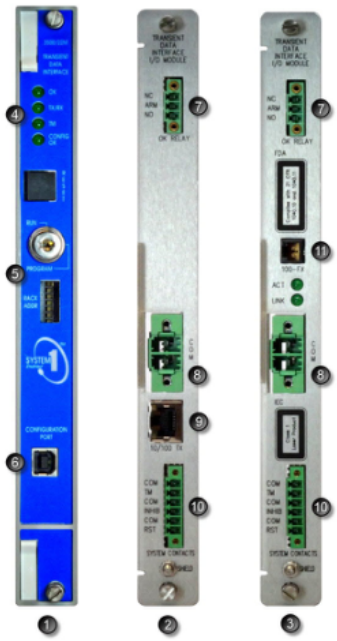
02 PREPARATION AND CONNECTION

- Remove the old RIM and its rear RIM I/O before conversion.
- Insert the matching TDI I/O before inserting the TDI main module.
- Use the selected copper RJ-45 I/O and preserve the rack ground arrangement.
- Restore the rack address and approved RUN/PROGRAM key position.

03

OFFICIAL INSTALLATION REFERENCE

Graphs and Figures



1. Main Module
2. 10 Base-T/100 Base TX (copper) Ethernet I/O Module
3. 100 Base-FX (fiber optic) Ethernet I/O Module
4. LEDs indicate operating status of the module
5. Hardware Switches
6. USB Configuration Port for configuring or retrieving machinery data
7. OK Relay indicates the OK status of the overall rack
8. Signal Common external grounding terminal
9. RJ-45 Ethernet Port for configuration and data collection
10. System Contacts
11. Fiber Optic Ethernet Port for configuration and data collection

Figure 1: Front and Rear View of the Transient Data Interface

Official manufacturer page reproduced at its original aspect ratio.

04 COMMISSIONING CHECKS

01	Confirm standard TDI with copper Ethernet I/O.
02	Verify rack-address and ground selections.
03	Confirm USB and Ethernet communications.
04	Test rack reset and the normally energized OK relay.
05	Verify all configured static and enabled dynamic channels.
06	Return the configuration key to the approved RUN state.

05 CONTROLLED DOCUMENT

Official source	Bently Nevada 3500/22M Transient Data Interface, 161581 Rev. AC.
Product record	3500/22M-01-01-01
Manufacturer	Bently Nevada
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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