3500/22M TRANSIENT DATA INTERFACE

Product Data Sheet

3500/22M-01-01-01

Ethernet transient data interface

INTERFACE EXECUTION	REAR I/O OPTION	APPROVAL OPTION	POWER CONSUMPTION
01: standard TDI	**01: 10Base-T/100Base-TX**	**01: CSA/NRTL/C Class I Division 2**	**10.5 W**

Bently Nevada 3500/22M-01-01-01 is a standard Transient Data Interface with copper 10Base-T/100Base-TX Ethernet I/O and CSA/NRTL/C Class I Division 2 approval selection. Installed in rack Slot 1 beside the power supplies, it links the monitoring modules with rack configuration and System 1 software.

01 TECHNICAL DATA

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
Maximum Ethernet cable	100 m
Maximum USB cable	5 m
Rack address capacity	127 addresses
Keyphasor signal support	Four rack signals

02 ADDITIONAL PRODUCT DATA

Waveform channel capacity	48 channels
Synchronous sampling ceiling	1024 samples/revolution for two revolutions
Asynchronous spectral resolution	800 lines
OK relay operation	Normally energized
Configuration key positions	RUN and PROGRAM

03 PRODUCT FUNCTION

The TDI consumes 10.5 W and provides USB-B access on the front with an RJ-45 Ethernet connection at the rear. Static acquisition is standard; enabled dynamic channels add waveform and transient capture. The module supports four rack Keyphasor signals and waveform collection for up to 48 channels.

04 SYSTEM COMPATIBILITY

Set the rack address and connect copper Ethernet within the 100 m maximum run. The front USB-B connection permits local configuration with a maximum 5 m USB cable. Use RUN to lock out configuration changes after the approved rack settings are restored.

05 REFERENCE

Bently Nevada 3500/22M Transient Data Interface, 161581 Rev. AC.

AMIKON PRODUCT SUPPORT

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