

135813-01

3500/93 Display Interface I/O Module

Bently Nevada 135813-01 is the rear Display Interface I/O Module for a 3500/93 System Display arrangement. It provides the documented display communication connection behind the matched front Display Interface Module.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	135813-01
Product role	3500/93 Display Interface I/O Module
System family	3500/93 System Display
Country of origin	USA

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



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Technical Specifications

PARAMETER	VERIFIED VALUE
Product family	3500/93 System Display
Part number	135813-01
Module role	Display Interface I/O Module
Installation position	Full-height rear rack slot
Matched front module	3500/93 Display Interface Module
Interface duty	System Display communication connection
Displays per rack	Up to two
Operating temperature	-30 to +65 °C
Storage temperature	-40 to +85 °C
Humidity	95% non-condensing

Model-Specific Engineering Note

ENGINEERING BOUNDARY

Pair 135813-01 with the documented front Display Interface Module and preserve the exact rack slot and display-cable route. Verify connector seating, communication, displayed values and alarm status against the source monitor channels before service release.

Pre-Installation Checks

NO.	REQUIRED CHECK
1	Verify the complete 135813-01 marking and rear rack position before work.
2	Confirm the matched front 3500/93 Display Interface Module and ordering option.
3	Place affected protection and maintenance activities in the approved state before removal.
4	Label every display cable and connector before disturbing 135813-01.
5	Use ESD controls and protect rear-module and backplane connectors.

System Role and Architecture

Bently Nevada 135813-01 is the rear Display Interface I/O Module for a 3500/93 System Display arrangement. It provides the documented display communication connection behind the matched front Display Interface Module.

FUNCTION 1
Rear I/O interface for the 3500/93 System Display

FUNCTION 2
Pairs with the documented front Display Interface Module

FUNCTION 3
Provides the local display communication connection

FUNCTION 4
Supports a 3500/93 arrangement with up to two displays

Common Applications

APPLICATION	ENGINEERING CONTEXT
3500/93 display connection	Terminates the communication path between the rack interface and local display hardware.
Rear-module replacement	Restores the documented I/O function behind a matched 3500/93 front interface module.
Local measurement display	Supports configured presentation of rack measurements and status near the machinery system.
Display communication troubleshooting	Provides a defined rear connection point for cable, connector and communication checks.

CONTROLLED ACCEPTANCE DUTY
Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify the complete 135813-01 marking and rear rack position before work.
2	Confirm the matched front 3500/93 Display Interface Module and ordering option.
3	Place affected protection and maintenance activities in the approved state before removal.
4	Label every display cable and connector before disturbing 135813-01.
5	Use ESD controls and protect rear-module and backplane connectors.
6	Inspect cable shielding, strain relief and route before reconnection.
7	Verify communication and compare displayed values with source monitor channels.
8	Resolve display, alarm or diagnostic discrepancies before service release.

Model-Specific FAQ — Part 1

QUESTION	ANSWER
What is Bently Nevada 135813-01?	135813-01 is the rear Display Interface I/O Module used in a 3500/93 System Display arrangement.
Which front module operates with Bently Nevada 135813-01?	It pairs with the documented 3500/93 Display Interface Module installed in the corresponding front slot.
Where is Bently Nevada 135813-01 installed?	It occupies the full-height rear slot behind the matched front display interface module.
What connection does Bently Nevada 135813-01 provide?	It provides the System Display communication connection to the external local display hardware.

Model-Specific FAQ — Part 2

QUESTION	ANSWER
How many displays can the Bently Nevada 135813-01 arrangement support?	The 3500/93 system can support up to two displays for one 3500 rack.
Should Bently Nevada 135813-01 be configured as a protection monitor?	No. It is display-interface I/O hardware; machinery protection remains in the configured monitor modules.
What cable checks are required for Bently Nevada 135813-01?	Record connector identity, cable route, shielding, strain relief and continuity before reconnecting the display.
What final test is required after replacing Bently Nevada 135813-01?	Confirm stable display communication and compare values and alarm states with the corresponding rack monitor channels.

Related Products on Apter Power

MODEL	APTER POWER PAGE
128240-01	View 128240-01
128275-01	View 128275-01
128275-01e	View 128275-01e
128275-01f-c2-a0130944-01	View 128275-01f-c2-a0130944-01
128276-01e-c2-a0131151-01	View 128276-01e-c2-a0131151-01
128718-01	View 128718-01
129478-01	View 129478-01
129525-0050-02	View 129525-0050-02

MANUFACTURER SOURCE RECORD

3500/93 System Display Operation and Maintenance Manual
Bently Nevada publication 137412-01; indexed in 3500 Manuals and Datasheets publication 141526

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