

Installation Identity and Scope

Bently Nevada 3500/93 135799-02 is the front Display Interface Module used with 3500/93 System Display ordering options A05 through A08. It gathers configured rack measurement information and supplies it to the matched local display hardware.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3500/93 135799-02
Manufacturer	Bently Nevada
Hardware type	3500/93 Display Interface Module
System family	3500/93 System Display
Official source	Bently Nevada publication 137412-01; indexed in 3500 Manuals and Datasheets publication 141526

CONTROLLED ENGINEERING COPY

Install 3500/93 135799-02 only with the documented 3500/93 display, rear interface I/O and rack configuration. Record the rack slot, display cable, option code and configured display pages, then verify live values, alarms and communications before release.

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3500/93 135799-02

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 3500/93 135799-02 marking and rack position before work.
2	Confirm the installed 3500/93 option is within the documented A05 through A08 group.
3	Place affected protection channels in the approved maintenance state before module removal.
4	Record the matched rear interface I/O module and every display cable connection.
5	Use ESD controls and protect the module and backplane connectors.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	3500/93 135799-02
Physical interface	3500 rack and configured monitoring modules
Companion check	3500/93 Display Interface I/O Module
Configuration	Matched local display and communication cable
Functional proof	Display value, alarm and communication test

RELEASE HOLD POINT

Do not disturb the installed device until the exact marking, connections, companion hardware and configured function are documented.

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Rack slot	Record the full-height front position before removal.
Ordering option	Confirm the installed 3500/93 option is A05 through A08.
Rear module	Identify the matched Display Interface I/O Module.
Display cables	Label every display connection and route before disturbance.
Configuration	Back up display pages and channel assignments.
Backplane	Inspect connectors and seat the module without offset.
Communications	Verify the display receives current rack data.
Value comparison	Compare values and alarm states with source monitors.

CONFIGURATION BOUNDARY

Install 3500/93 135799-02 only with the documented 3500/93 display, rear interface I/O and rack configuration. Record the rack slot, display cable, option code and configured display pages, then verify live values, alarms and communications before release.

Expected Technical Values

PARAMETER	VALUE
Product family	3500/93 System Display
Part number	135799-02
Module role	Display Interface Module
Ordering options	3500/93 A05 through A08

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	3500/93 135799-02 and the A05–A08 option are recorded.
Interface	Matched rear I/O and display cable are verified.
Configuration	Display pages and channel assignments are restored.
Functional proof	Live values, alarm state and communications match the rack.

Technical Questions to Resolve

QUESTION	ENGINEERING ANSWER
What role does Bently Nevada 3500/93 135799-02 perform?	It is the front Display Interface Module that gathers 3500 rack data for the local System Display.
Which 3500/93 options use Bently Nevada 3500/93 135799-02?	The operation manual identifies 135799-02 for ordering options A05 through A08.
Where is Bently Nevada 3500/93 135799-02 installed?	It occupies a full-height front slot and operates with the matched rear Display Interface I/O Module.
How many displays can Bently Nevada 3500/93 135799-02 support in one rack arrangement?	The 3500/93 system supports up to two displays for a single 3500 rack.

Source, Related Products and Release

MODEL	APTER POWER PAGE
106m2686-01	View 106m2686-01
107540-01a	View 107540-01a
107770-03-03	View 107770-03-03
109548-01-p1407030-00100	View 109548-01-p1407030-00100
125065-12	View 125065-12
125680-01	View 125680-01
125704-01	View 125704-01
125720-01	View 125720-01

MANUFACTURER SOURCE RECORD

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

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	3500/93 135799-02 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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