

INDUSTRIAL AUTOMATION PRODUCT

3500/93 135799-02

3500/93 Display Interface Module

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	3500/93 135799-02
Product role	3500/93 Display Interface 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.

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3500/93 135799-02

Technical Specifications

PARAMETER	VERIFIED VALUE
Product family	3500/93 System Display
Part number	135799-02
Module role	Display Interface Module
Ordering options	3500/93 A05 through A08
Installation position	Full-height front rack slot
Matched rear module	Display Interface I/O Module
Displays per rack	Up to two
Displayed information	Configured rack measurements and status
Operating temperature	-30 to +65 °C
Humidity	95% non-condensing

Model-Specific Engineering Note

ENGINEERING 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.

Pre-Installation Checks

NO.	REQUIRED CHECK
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.

System Role and Architecture

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.

FUNCTION 1
Front interface module for 3500/93 A05–A08 configurations

FUNCTION 2
Collects rack measurement and configuration information

FUNCTION 3
Supports up to two local displays per 3500 rack

FUNCTION 4
Pairs with the documented rear Display Interface I/O Module

Common Applications

APPLICATION	ENGINEERING CONTEXT
Local rack visualization	Presents selected machinery-protection measurements near the installed 3500 rack.
Operator status review	Displays configured channel values and alarm or rack status for field inspection.
3500/93 display maintenance	Restores the exact interface function for A05 through A08 display options.
Commissioning verification	Provides a local comparison point for configured monitor values and display pages.

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 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.
6	Restore the documented rack configuration and display-page assignments.
7	Compare displayed measurements and status with the source monitor channels.
8	Resolve communication, value or alarm discrepancies before returning the display to service.

Model-Specific FAQ — Part 1

QUESTION	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.

Model-Specific FAQ — Part 2

QUESTION	ANSWER
Does Bently Nevada 3500/93 135799-02 replace a protection monitor?	No. It interfaces measurement and status data to a display; protection remains in the configured monitor modules.
Which configuration records should be saved before replacing Bently Nevada 3500/93 135799-02?	Save the rack slot, display option, page configuration, channel assignments, cable route and matched rear-module identity.
How should values be checked after installing Bently Nevada 3500/93 135799-02?	Compare each displayed value and alarm state with the corresponding source monitor channel and rack configuration.
What final evidence is required for Bently Nevada 3500/93 135799-02?	Retain identity, slot, matched I/O, cable, configuration, live-value comparison and final diagnostics records.

Related Products on Apter Power

MODEL	APTER POWER PAGE
03839202	View 03839202
102044-00-18-10-02-00	View 102044-00-18-10-02-00
102044-00-32-10-02	View 102044-00-32-10-02
102045-040-00	View 102045-040-00
102045-040-01-05	View 102045-040-01-05
102244-22-50-01	View 102244-22-50-01
106765-04	View 106765-04
106765-30	View 106765-30

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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