Westinghouse 5X00419G01

Complete Product Information

Westinghouse 5X00419G01 is the Ovation Ethernet Link Controller electronics module used with the matched cavity insert for one network-interface channel.

WHAT THIS PRODUCT DOES

Westinghouse 5X00419G01 serves as an ethernet link controller module in the Ovation I/O subsystem. It interfaces Ovation Ethernet communication with 1X00569H01 Ethernet Link Controller cavity insert.

Product characteristic 1

Provides one interface channel for the documented ethernet link controller module function.

Product characteristic 2

Handles Ovation Ethernet communication through the specified Ovation I/O subsystem.

Product characteristic 3

Works with 1X00569H01 Ethernet Link Controller cavity insert.

Product characteristic 4

The electronics module and companion insert form the documented Ethernet Link Controller hardware pair.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Interface	Ethernet Link Controller
Channels	1
Companion insert	1X00569H01
System role	Ethernet communication interface for an Ovation integration path

IMPORTANT NOTICE

Use 5X00419G01 only with 1X00569H01 Ethernet Link Controller cavity insert; verify the field interface and controlled configuration before energizing the subsystem.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Interface	Ethernet Link Controller
Channels	1
Companion insert	1X00569H01
System role	Ethernet communication interface for an Ovation integration path
Physical termination	Matched connector arrangement is provided by the companion insert

FEATURE INTERPRETATION

Product identity

Provides one interface channel for the documented ethernet link controller module function.

System role

Handles Ovation Ethernet communication through the specified Ovation I/O subsystem.

Service context

Works with 1X00569H01 Ethernet Link Controller cavity insert.

Return-to-service focus

The electronics module and companion insert form the documented Ethernet Link Controller hardware pair.

SIGNAL OR CONTROL PATH

Ovation controller → **Ethernet link module** → **Companion insert** → **Network channel**

The ethernet link controller module belongs in the controlled Ovation I/O subsystem and works with 1X00569H01 Ethernet Link Controller cavity insert. Its field connection, companion hardware and project configuration must be reviewed together before the channel is returned to service.

PRODUCT-PAGE TECHNICAL QUESTIONS

What function does Westinghouse 5X00419G01 perform?	It is the Ovation Ethernet Link Controller electronics module used with the matched cavity insert for one network-interface channel.
How many channels are associated with Westinghouse 5X00419G01?	The documented configuration provides one interface channel.
Which signal path is used by Westinghouse 5X00419G01?	It is used for Ovation Ethernet communication within the specified subsystem.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Installed-base maintenance

Restores the documented ethernet link controller module position without changing the approved system architecture.

Loop or channel service

Supports verification of Ovation Ethernet communication at the assigned control-system channel.

Planned replacement

Provides an exact-identity replacement path when 1X00569H01 Ethernet Link Controller cavity insert and the field interface have been confirmed.

Commissioning support

Allows the responsible engineer to prove wiring, configuration, status and response for one interface channel.

APPLICATION VERIFICATION MAP

Installed-base maintenance	Confirm the documented system position and the required operating function.
Loop or channel service	Compare the restored connection or control path with the approved record.
Planned replacement	Check the physical interface and the retained configuration before startup.
Commissioning support	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record

Complete marking and assigned system position.

Connection record

Connector, conductor and interface arrangement as found.

Configuration record

Controlled settings, application data and option state.

Acceptance record

Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

Which signal path is used by Westinghouse 5X00419G01?	It is used for Ovation Ethernet communication within the specified subsystem.
Which companion hardware must be checked for Westinghouse 5X00419G01?	Confirm 1X00569H01 Ethernet Link Controller cavity insert and the project-specific base or terminal arrangement.
What technical values should be verified before installing Westinghouse 5X00419G01?	Verify Ethernet Link Controller; also confirm 1 and every applicable range or wiring selection.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Match the complete 5X00419G01 marking to the work order and installed position before removal.
02	Confirm 1X00569H01 Ethernet Link Controller cavity insert before making or breaking any field connection.
03	Keep the assigned Ovation Ethernet communication within the documented subsystem and range.
04	Record terminal designations, polarity, common and shield treatment before disconnecting conductors.
05	Inspect module seating, connector keying, terminal condition and strain relief before power is restored.
06	Restore the controlled channel configuration, range selection and alarm or timeout behavior after installation.
07	Check local indicators and controller diagnostics for internal, communication or channel faults during commissioning.
08	Prove the intended response across one interface channel and record the acceptance result before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What function does Westinghouse 5X00419G01 perform?	It is the Ovation Ethernet Link Controller electronics module used with the matched cavity insert for one network-interface channel.
How many channels are associated with Westinghouse 5X00419G01?	The documented configuration provides one interface channel.
Which signal path is used by Westinghouse 5X00419G01?	It is used for Ovation Ethernet communication within the specified subsystem.
Which companion hardware must be checked for Westinghouse 5X00419G01?	Confirm 1X00569H01 Ethernet Link Controller cavity insert and the project-specific base or terminal arrangement.

IMPORTANT NOTICE	Use 5X00419G01 only with 1X00569H01 Ethernet Link Controller cavity insert; verify the field interface and controlled configuration before energizing the subsystem.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

What technical values should be verified before installing Westinghouse 5X00419G01?	Verify Ethernet Link Controller; also confirm 1 and every applicable range or wiring selection.
What connection details should be recorded for Westinghouse 5X00419G01?	Record terminal identifiers, polarity, common, shield termination, connector keying and the assigned channel before disconnection.
Which diagnostics should be reviewed when commissioning Westinghouse 5X00419G01?	Review the applicable power, communication, internal-fault and channel-status indications, then compare the controller status with the expected field condition.
Can a nearby ordering code replace Westinghouse 5X00419G01 without an engineering check?	No. Match the complete identifier, companion hardware, signal range, wiring and controlled project configuration before substitution.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Emerson Process Management, Planning Your Ovation System REF_1005, November 2011.
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

RELATED MODELS ON APTERPOWER

Westinghouse 1C31132G01	Related product reference. Review the complete ordering string before selection.
Westinghouse 1C31189G01	Related product reference. Compare the required interface and system position.
Westinghouse 5X00106G01	Related product reference. Confirm the execution independently for the intended task.

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