Westinghouse 5X00419G01

Technical Reference

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 ROLE AND VERIFIED FEATURES

Feature 1

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

Feature 2

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

Feature 3

Works with 1X00569H01 Ethernet Link Controller cavity insert.

Feature 4

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

VERIFIED DATA SNAPSHOT

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

SYSTEM RELATIONSHIP

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

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.

Technical profile

Verified technical values for the complete product string are arranged below for selection and engineering review.

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

SELECTION ANCHORS

- Provides one interface channel for the documented ethernet link controller module function.
- Handles Ovation Ethernet communication through the specified Ovation I/O subsystem.
- Works with 1X00569H01 Ethernet Link Controller cavity insert.
- The electronics module and companion insert form the documented Ethernet Link Controller hardware pair.

IMPORTANT NOTICE	Use the values as one matched configuration. Do not substitute a nearby ordering code without a separate check.

MANUFACTURER SOURCE CONTROLS

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.

ADDITIONAL ENGINEERING CHECKS

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.

System role and architecture

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

APPLICATION POINTS

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.

INTEGRATION RECORD

Identity	Record the complete marking and installed position.
Mechanical interface	Confirm mounting, support, clearance and connector engagement.
Electrical interface	Confirm signal path, shield, common and receiving-channel assignment.
Configuration	Retain the controlled channel settings and acceptance criteria.
Functional evidence	Record the expected static value, dynamic response and system status.

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.

ENGINEERING REVIEW 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.

Engineering checks and acceptance

PRODUCT 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.

RELEASE EVIDENCE

Exact identity	Product marking and intended system position agree.
Interface condition	Mounting, connectors, terminals and cable routing are secure.
Signal response	The expected static and dynamic behavior has been observed.
Protection state	Channel status, alarms and controlled bypass state are restored.

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

APPLICATION BOUNDARIES

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.

Technical questions and related models

MODEL-SPECIFIC 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.
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.

RELATED MODELS ON APTERPOWER

Foxboro AD908AA FBM201	Related product reference. Review the complete ordering string before selection.
Foxboro AD916AG FBM204	Related product reference. Compare the required interface and system position.
Westinghouse 1C31122G01	Related product reference. Confirm the execution independently for the intended task.

SOURCE AND SELECTION 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.

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.