

Westinghouse 5X00300G01

Complete Product Information

Westinghouse 5X00300G01 is the Ovation electronics module for a two-channel Profibus DP interface used to exchange data with decentralized fieldbus devices.

WHAT THIS PRODUCT DOES

Westinghouse 5X00300G01 serves as a profibus dp interface module in the Ovation I/O subsystem. It interfaces digital Profibus DP communication with 5X00321G01 Profibus interface personality module.

Product characteristic 1

Provides two network channels for the documented profibus dp interface module function.

Product characteristic 2

Handles digital Profibus DP communication through the specified Ovation I/O subsystem.

Product characteristic 3

Works with 5X00321G01 Profibus interface personality module.

Product characteristic 4

The module provides the electronics side of the documented Ovation Profibus module combination.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Interface	Profibus DP
Channels	2
Personality module	5X00321G01
System role	Bus interface between Ovation and Profibus devices

IMPORTANT NOTICE

Use 5X00300G01 only with 5X00321G01 Profibus interface personality module; verify the field interface and controlled configuration before energizing the subsystem.

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



Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Interface	Profibus DP
Channels	2
Personality module	5X00321G01
System role	Bus interface between Ovation and Profibus devices
Main power	5.1 W/VA typical in the documented configuration

FEATURE INTERPRETATION

Product identity Provides two network channels for the documented profibus dp interface module function.	System role Handles digital Profibus DP communication through the specified Ovation I/O subsystem.
Service context Works with 5X00321G01 Profibus interface personality module.	Return-to-service focus The module provides the electronics side of the documented Ovation Profibus module combination.

SIGNAL OR CONTROL PATH



The profibus dp interface module belongs in the controlled Ovation I/O subsystem and works with 5X00321G01 Profibus interface personality module. 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 5X00300G01 perform?	It is the Ovation electronics module for a two-channel Profibus DP interface used to exchange data with decentralized fieldbus devices.
How many channels are associated with Westinghouse 5X00300G01?	The documented configuration provides two network channels.
Which signal path is used by Westinghouse 5X00300G01?	It is used for digital Profibus DP 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 profibus dp interface module position without changing the approved system architecture.	Loop or channel service Supports verification of digital Profibus DP communication at the assigned control-system channel.
Planned replacement Provides an exact-identity replacement path when 5X00321G01 Profibus interface personality module and the field interface have been confirmed.	Commissioning support Allows the responsible engineer to prove wiring, configuration, status and response for two network channels.

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 5X00300G01?	It is used for digital Profibus DP communication within the specified subsystem.
Which companion hardware must be checked for Westinghouse 5X00300G01?	Confirm 5X00321G01 Profibus interface personality module and the project-specific base or terminal arrangement.
What technical values should be verified before installing Westinghouse 5X00300G01?	Verify Profibus DP; also confirm 2 and every applicable range or wiring selection.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Match the complete 5X00300G01 marking to the work order and installed position before removal.
- 02 Confirm 5X00321G01 Profibus interface personality module before making or breaking any field connection.
- 03 Keep the assigned digital Profibus DP 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 two network channels and record the acceptance result before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What function does Westinghouse 5X00300G01 perform?	It is the Ovation electronics module for a two-channel Profibus DP interface used to exchange data with decentralized fieldbus devices.
How many channels are associated with Westinghouse 5X00300G01?	The documented configuration provides two network channels.
Which signal path is used by Westinghouse 5X00300G01?	It is used for digital Profibus DP communication within the specified subsystem.
Which companion hardware must be checked for Westinghouse 5X00300G01?	Confirm 5X00321G01 Profibus interface personality module and the project-specific base or terminal arrangement.

IMPORTANT NOTICE

Use 5X00300G01 only with 5X00321G01 Profibus interface personality module; 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 5X00300G01?	Verify Profibus DP; also confirm 2 and every applicable range or wiring selection.
What connection details should be recorded for Westinghouse 5X00300G01?	Record terminal identifiers, polarity, common, shield termination, connector keying and the assigned channel before disconnection.
Which diagnostics should be reviewed when commissioning Westinghouse 5X00300G01?	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 5X00300G01 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) and Ovation Bus and Specialty I/O Reference Manual OW360-R1152.
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 1C31129G03	Related product reference. Review the complete ordering string before selection.
Westinghouse 1C31150G01	Related product reference. Compare the required interface and system position.
Westinghouse 1C31238H01	Related product reference. Confirm the execution independently for the intended task.

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

