TECHNICAL REFERENCE / EXACT-MODEL DOSSIER

WESTINGHOUSE 5X00226G01

Controller I/O Interface Module

WESTINGHOUSE 5X00226G01 is an Ovation controller I/O interface module used in the OCR400 controller hardware set.

IDENTITY AND FUNCTION SNAPSHOT	
H1 OCR400 controller hardware	**H2** Controller-side I/O interface
H3 Ovation DCS platform	**H4** Exact G01 hardware identity

Installed-system position

1	OCR400 processor
2	5X00226G01 interface
3	Ovation I/O bus
4	Installed I/O modules

Exact-model release boundary

Identity Keep WESTINGHOUSE 5X00226G01 complete in drawings, labels and acceptance records.	**Evidence** Use only the exact-model and explicitly applicable family facts documented here.
Configuration Record cables, jumpers, settings and the installed functional position before work.	**Acceptance** Prove the affected control path before returning the equipment to service.

02 / SYSTEM ROLE AND INTERFACES

Architecture, interfaces and service boundaries

Within an OCR400 cabinet, WESTINGHOUSE 5X00226G01 occupies the I/O-interface position that supports controller communication with connected I/O branches. Replacement work must preserve the exact G01 identity and installed controller configuration.

CONTROL PATH	
1	OCR400 processor
2	5X00226G01 interface

3	Ovation I/O bus
4	Installed I/O modules

Interface architecture

Processor boundary	Exchanges controller-side I/O traffic
Backplane boundary	Seats in the configured OCR400 controller assembly
I/O boundary	Connects the controller to the installed Ovation I/O structure
Service boundary	Requires exact G01 identity and slot matching

Interface acceptance checks

1

Place the OCR400 controller in the site-approved maintenance state before handling WESTINGHOUSE 5X00226G01.

2

Confirm the full 5X00226G01 identity and its installed controller position before removal.

3

Record slot location, connector seating and controller redundancy state before disturbing the card.

4

Do not use the module as a direct field-signal termination point.

Engineering rule

A nearby WESTINGHOUSE family code does not establish interchangeability with 5X00226G01; use the physical nameplate and controlled site records.

ENGINEERING SUMMARY / MODEL-SPECIFIC CHECKPOINTS

- Processor boundary: Exchanges controller-side I/O traffic
- Backplane boundary: Seats in the configured OCR400 controller assembly
- I/O boundary: Connects the controller to the installed Ovation I/O structure
- Service boundary: Requires exact G01 identity and slot matching

03 / VERIFIED TECHNICAL DATA

Engineering matrix and component map

Every populated row is a technical value supported by the reviewed exact-model record or an explicitly applicable WESTINGHOUSE family source.

Product type	I/O interface module
Platform	Ovation DCS
Controller family	OCR400
Part number	5X00226G01

CHANGE CONTROL

Record Capture the full model, revision, slot, connectors and as-found condition.	**Compare** Match every populated technical row to the replacement and project record.
Protect Apply controlled isolation, stored-energy and ESD practices.	**Prove** Complete the product-specific functional and safe-state checks.

Source applicability

Evidence record	Applicable scope
Exact-model Ovation parts records: 5X00226G01 I/O interface module	Supports only the exact-model or explicitly applicable family facts used in this document.
OCR400 maintenance references identifying 5X00226G01 as the controller I/O interface card	Supports only the exact-model or explicitly applicable family facts used in this document.

04 / SERVICE LOGIC AND ACCEPTANCE

Fault isolation and controlled return

1	Capture the fault, indicators and surrounding-system state
2	Verify exact identity, power boundary, cabling and installed position
3	Test WESTINGHOUSE 5X00226G01 against the approved service procedure
4	Correct the isolated cause and restore the recorded configuration
5	Commission the affected path and archive measured evidence

Eight product-specific precautions

1 Place the OCR400 controller in the site-approved maintenance state before handling WESTINGHOUSE 5X00226G01.	**2** Confirm the full 5X00226G01 identity and its installed controller position before removal.
3 Record slot location, connector seating and controller redundancy state before disturbing the card.	**4** Do not use the module as a direct field-signal termination point.
5 Inspect backplane contacts, guides, retainers and adjacent cards for damage or contamination.	**6** Restore the original controller hardware arrangement without substituting another group revision.
7 Check controller-to-I/O communication and diagnostic indications after installation.	**8** Release the controller only after all configured I/O branches return to the approved operating state.

05 / ENGINEERING FAQ AND SUPPORT

Model-specific engineering decisions

Engineering decision	Controlled response
Which controller family uses WESTINGHOUSE 5X00226G01?	WESTINGHOUSE 5X00226G01 is identified for the Ovation OCR400 controller family.
What function does WESTINGHOUSE 5X00226G01 perform?	It provides the controller-side I/O interface between OCR400 processing hardware and the installed Ovation I/O structure.
Is WESTINGHOUSE 5X00226G01 a field input module?	No. It is an I/O interface card in the controller hardware set rather than a direct field-signal module.
Why must the G01 suffix be retained for WESTINGHOUSE 5X00226G01?	The suffix is part of the exact hardware identity used to match the configured controller assembly.
What should be recorded before removing WESTINGHOUSE 5X00226G01?	Record the controller position, adjacent-card arrangement, connector state, redundancy state and active diagnostics.
How should the WESTINGHOUSE 5X00226G01 installation be inspected?	Check its backplane contacts, guides, retainers and mating connector area before seating the card.
Which functional check follows replacement of WESTINGHOUSE 5X00226G01?	Verify controller communication with every configured local and remote I/O branch served by the interface.
What closes commissioning for WESTINGHOUSE 5X00226G01?	Normal controller status, stable I/O communication and agreement with the approved hardware configuration close commissioning.

Related Apter Power references

Related Apter Power references	Scope note

Ovation 1B30035H01 Base Unit	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 1C31110G03	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 1C31116G01	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record WESTINGHOUSE 5X00226G01 Controller I/O Interface Module Verify the complete nameplate before installation.

MODEL-SPECIFIC ACCEPTANCE MAP

1. OCR400 processor
2. 5X00226G01 interface
3. Ovation I/O bus
4. Installed I/O modules

VERIFIED DATA

- Product type: I/O interface module
- Platform: Ovation DCS
- Controller family: OCR400
- Part number: 5X00226G01

INTERFACE CHECKS

- Processor boundary: Exchanges controller-side I/O traffic
- Backplane boundary: Seats in the configured OCR400 controller assembly
- I/O boundary: Connects the controller to the installed Ovation I/O structure
- Service boundary: Requires exact G01 identity and slot matching

RELEASE CHECKLIST

1. Place the OCR400 controller in the site-approved maintenance state before handling WESTINGHOUSE 5X00226G01.
2. Confirm the full 5X00226G01 identity and its installed controller position before removal.
3. Record slot location, connector seating and controller redundancy state before disturbing the card.
4. Do not use the module as a direct field-signal termination point.
5. Inspect backplane contacts, guides, retainers and adjacent cards for damage or contamination.
6. Restore the original controller hardware arrangement without substituting another group revision.
7. Check controller-to-I/O communication and diagnostic indications after installation.
8. Release the controller only after all configured I/O branches return to the approved operating state.