

WESTINGHOUSE 3A99266G01

Local I/O Transition Panel

WESTINGHOUSE 3A99266G01 is a local input/output transition panel identified for the Ovation distributed control system.

IDENTITY AND FUNCTION SNAPSHOT			
H1	Local input/output transition panel	H2	Ovation DCS platform context
H3	Instrumentation and DCS service	H4	Exact part identity 3A99266G01

Installed-system position

1	Local field circuits
2	Installed termination and cabling
3	3A99266G01 transition boundary
4	Ovation I/O subsystem

Exact-model release boundary

Identity	Evidence
Keep WESTINGHOUSE 3A99266G01 complete in drawings, labels and acceptance records.	Use only the exact-model and explicitly applicable family facts documented here.
Configuration	Acceptance
Record cables, jumpers, settings and the installed functional position before work.	Prove the affected control path before returning the equipment to service.

02 / SYSTEM ROLE AND INTERFACES

Architecture, interfaces and service boundaries

WESTINGHOUSE 3A99266G01 belongs at the local I/O transition boundary of an Ovation DCS cabinet. Replacement work should preserve the installed connector positions, cable routing, grounding arrangement and project-specific channel records.

CONTROL PATH	
1	Local field circuits
2	Installed termination and cabling

3	3A99266G01 transition boundary
4	Ovation I/O subsystem

Interface architecture

Field boundary	Existing local field circuits and their installed termination path
Panel boundary	Connector positions, cable routes and grounding retained from the controlled cabinet design
System boundary	Local I/O path into the Ovation distributed control system
Record boundary	Exact part number, installed position and as-left continuity evidence

Interface acceptance checks

<p>1</p> <p>Isolate the affected cabinet and follow the site lockout procedure before handling WESTINGHOUSE 3A99266G01.</p>	<p>2</p> <p>Confirm the complete 3A99266G01 part number and installed position against the work order and physical nameplate.</p>
<p>3</p> <p>Photograph and label every connected plug, cable and grounding point before disconnection.</p>	<p>4</p> <p>Do not use connector location alone to infer interchangeability with a nearby transition-panel revision.</p>

Engineering rule

A nearby WESTINGHOUSE family code does not establish interchangeability with 3A99266G01; use the physical nameplate and controlled site records.

ENGINEERING SUMMARY / MODEL-SPECIFIC CHECKPOINTS	
<ul style="list-style-type: none">Field boundary: Existing local field circuits and their installed termination path	<ul style="list-style-type: none">Panel boundary: Connector positions, cable routes and grounding retained from the controlled cabinet design
<ul style="list-style-type: none">System boundary: Local I/O path into the Ovation distributed control system	<ul style="list-style-type: none">Record boundary: Exact part number, installed position and as-left continuity evidence

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 class	Local I/O transition panel
Control platform	Ovation DCS
I/O scope	Local input/output
System area	Instrumentation / DCS
Part number	3A99266G01

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
Puerto Rico Energy Bureau public plant-spares record: exact item 3A99266G01, local I/O transition panel, Ovation DCS	Supports only the exact-model or explicitly applicable family facts used in this document.
Emerson Ovation DCS platform documentation: distributed control system context	Supports only the exact-model or explicitly applicable family facts used in this document.

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 3A99266G01 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 Isolate the affected cabinet and follow the site lockout procedure before handling WESTINGHOUSE 3A99266G01.	2 Confirm the complete 3A99266G01 part number and installed position against the work order and physical nameplate.
3 Photograph and label every connected plug, cable and grounding point before disconnection.	4 Do not use connector location alone to infer interchangeability with a nearby transition-panel revision.
5 Inspect the panel, connectors and mating hardware for damage, contamination or bent contacts before installation.	6 Restore cable routing, strain relief, segregation and shield or ground terminations exactly as documented for the cabinet.
7 Perform point-to-point continuity checks on every affected local I/O path before energization.	8 Release the panel only after controller indications and the approved field-loop checks agree with the as-left records.

05 / ENGINEERING FAQ AND SUPPORT

Model-specific engineering decisions

Engineering decision	Controlled response
What is WESTINGHOUSE 3A99266G01?	It is a local input/output transition panel used in an Ovation DCS installation.
Where is WESTINGHOUSE 3A99266G01 used in the system?	It sits at the transition boundary between installed local field wiring and the Ovation I/O subsystem.
Which identity must be matched when replacing WESTINGHOUSE 3A99266G01?	Match the complete 3A99266G01 part number, the physical nameplate and the documented cabinet position.
What should be recorded before disconnecting WESTINGHOUSE 3A99266G01?	Record connector locations, cable labels, grounding points, installed orientation and the affected I/O paths.
How should WESTINGHOUSE 3A99266G01 connectors be inspected?	Check the panel and mating hardware for damaged housings, contamination, bent contacts and insecure retention.
Which checks are required before energizing WESTINGHOUSE 3A99266G01?	Complete point-to-point continuity, cable-routing, shield or ground, and connector-seating checks for every affected path.
Can another transition panel be fitted in place of WESTINGHOUSE 3A99266G01 by appearance?	No. Visual similarity does not establish the same connector mapping, cabinet role or revision-controlled compatibility.

Engineering decision	Controlled response
What confirms successful commissioning of WESTINGHOUSE 3A99266G01?	The affected local I/O paths must agree with the approved field-loop tests, controller indications and as-left records.

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 3A99266G01 Local I/O Transition Panel Verify the complete nameplate before installation.
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ENGINEERING SUMMARY / MODEL-SPECIFIC CHECKPOINTS	
<ul style="list-style-type: none"> Exact model: WESTINGHOUSE 3A99266G01 	<ul style="list-style-type: none"> Retain nameplate, wiring and as-left acceptance evidence.
<ul style="list-style-type: none"> Use only the Apter Power links contained in this document. 	<ul style="list-style-type: none"> Verify compatibility independently before installation.