

# WESTINGHOUSE 3A99266G01

## Local I/O Transition Panel

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

## Job objective

Replace, install or verify the exact unit while preserving unrelated wiring, configuration, dimensions, weight and stored product data.

## Safe-work boundary

|                                                                                       |                                                                                             |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Identify</b><br>Match the complete model and every suffix to the physical unit.    | <b>Isolate</b><br>Apply the plant-approved electrical, process and stored-energy isolation. |
| <b>Preserve</b><br>Back up configuration and photograph all connections and settings. | <b>Control</b><br>Use ESD protection and revision-controlled documentation.                 |

## Product-specific hazards and controls

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

## Required evidence before work

Nameplate photo, installed-position record, connection map, configuration or jumper record, fault history and approved acceptance plan.

## Readiness and interface checklist

| Exact identity     | WESTINGHOUSE 3A99266G01 matches the work order and physical unit |
|--------------------|------------------------------------------------------------------|
| Installed position | Rack, slot, panel and functional assignment recorded             |
| Configuration      | Project data, jumpers, settings or calibration state captured    |
| Connections        | Every cable, terminal, shield and polarity labeled               |
| Condition          | Board, housing, connectors and packaging inspected               |
| Test plan          | Expected states, safe response and acceptance evidence agreed    |

### Interface preparation

| 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                       |

### Pre-job evidence review

|                                                  |                                             |
|--------------------------------------------------|---------------------------------------------|
| <b>H1</b><br>Local input/output transition panel | <b>H2</b><br>Ovation DCS platform context   |
| <b>H3</b><br>Instrumentation and DCS service     | <b>H4</b><br>Exact part identity 3A99266G01 |

## Controlled replacement workflow

|   |                                                                               |
|---|-------------------------------------------------------------------------------|
| 1 | Confirm isolation and absence of hazardous energy                             |
| 2 | Compare removed and replacement identities and revisions                      |
| 3 | Photograph, label and verify all connections and settings                     |
| 4 | Remove the existing assembly using ESD-safe handling                          |
| 5 | Inspect mounting, connectors, grounding, ventilation and surrounding hardware |
| 6 | Install the exact replacement without forcing connections                     |
| 7 | Restore cables, jumpers and settings from the controlled record               |
| 8 | Complete final visual, continuity and polarity checks before energization     |

### STOP CONDITIONS

|                                                                                               |                                                                                                 |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Identity</b><br>Stop if the complete model or revision does not match.                     | <b>Connection</b><br>Stop if connector orientation, polarity or terminal mapping is unresolved. |
| <b>Configuration</b><br>Stop if the as-found jumper, project or adjustment record is missing. | <b>System</b><br>Stop if grounding, cooling or the safe-state assignment is uncertain.          |

## Staged return to service

| Stage 1 | Visual inspection, isolation release and controlled power-ready state        |
|---------|------------------------------------------------------------------------------|
| Stage 2 | Apply power under observation and stop on abnormal indicators, heat or sound |
| Stage 3 | Confirm module recognition, status indications and surrounding-system health |
| Stage 4 | Verify every affected connection, signal or relay path                       |
| Stage 5 | Exercise the documented function and configured safe response                |
| Stage 6 | Archive measurements, settings, results and as-left configuration            |

### Product-specific acceptance focus

|                                                                                                                               |                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>5</b><br>Inspect the panel, connectors and mating hardware for damage, contamination or bent contacts before installation. | <b>6</b><br>Restore cable routing, strain relief, segregation and shield or ground terminations exactly as documented for the cabinet. |
| <b>7</b><br>Perform point-to-point continuity checks on every affected local I/O path before energization.                    | <b>8</b><br>Release the panel only after controller indications and the approved field-loop checks agree with the as-left records.     |

### Acceptance evidence

|                                                                                        |                                                                                             |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Identity</b><br>Photo and record show the exact installed model.                    | <b>Connections</b><br>Terminal, cable and connector checks are complete.                    |
| <b>Function</b><br>The affected command, indication or supply path has been exercised. | <b>Safe state</b><br>Loss-of-power or loss-of-command behavior matches the approved design. |

## Fault isolation and final record

|   |                                                            |
|---|------------------------------------------------------------|
| 1 | Unexpected state: stop and capture evidence                |
| 2 | Recheck identity, power boundary, position and connections |
| 3 | Compare configuration and revision-controlled records      |
| 4 | Test the surrounding system before condemning the unit     |
| 5 | Restore a safe state and document the verified outcome     |

### Apter Power handover record

|                       |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Model identity        | Keep the complete WESTINGHOUSE model code and every suffix in purchasing, installation and acceptance records.  |
| Verification boundary | Confirm the physical nameplate, installed position and revision-controlled project documents before field work. |
| Apter Power support   | Use the contact details and Apter Power website links in this document for product and sourcing support.        |

### Related Apter Power references

| Related Apter Power references               | Scope note                                                    |
|----------------------------------------------|---------------------------------------------------------------|
| <a href="#">Ovation 1B30035H01 Base Unit</a> | Portfolio reference only; verify compatibility independently. |
| <a href="#">WESTINGHOUSE 1C31110G03</a>      | Portfolio reference only; verify compatibility independently. |
| <a href="#">WESTINGHOUSE 1C31116G01</a>      | Portfolio reference only; verify compatibility independently. |

|                                                                                     |                                                                                              |                                                                                                                       |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|  | Apter Power technical support<br>sales13@apterpower.com +86 180 3023 5313 www.apterpower.com | Model record WESTINGHOUSE 3A99266G01<br>Local I/O Transition Panel Verify the complete nameplate before installation. |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|