

WESTINGHOUSE 5X00105G14

OCR161 Controller Module

WESTINGHOUSE 5X00105G14 is an Ovation OCR161 process-control module with a 266 MHz processor, 64 MB RAM and 128 MB CompactFlash configuration.

Job objective

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

Safe-work boundary

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

Product-specific hazards and controls

1 Place the affected process in a safe state before handling WESTINGHOUSE 5X00105G14.	2 Confirm the complete G14 identity and record the installed OCR161 drop address.
3 Secure an approved controller image and configuration backup before removing the module.	4 Do not substitute G01 or G07 memory values for the G14 arrangement.

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 5X00105G14 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

Backplane boundary	Receives controller power and hardware interfaces
Memory boundary	Uses the G14 64 MB RAM and 128 MB CompactFlash arrangement
Control boundary	Executes the loaded OCR161 control application
System boundary	Communicates with Ovation network and I/O resources

Pre-job evidence review

H1 OCR161 process-control module	H2 266 MHz processor
H3 64 MB RAM	H4 128 MB CompactFlash

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

Identity Stop if the complete model or revision does not match.	Connection Stop if connector orientation, polarity or terminal mapping is unresolved.
Configuration Stop if the as-found jumper, project or adjustment record is missing.	System 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

5 Use ESD controls and inspect the CompactFlash and board connectors before installation.	6 Restore the approved image to the 128 MB CompactFlash medium without changing project data.
7 Verify network, I/O and control-task status after the controller starts.	8 Return the drop to service only after redundancy, alarms and application outputs pass the site acceptance plan.

Acceptance evidence

Identity Photo and record show the exact installed model.	Connections Terminal, cable and connector checks are complete.
Function The affected command, indication or supply path has been exercised.	Safe state 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
WESTINGHOUSE 1C31122G01	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 1C31125G02	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 1C31129G03	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record WESTINGHOUSE 5X00105G14 OCR161 Controller Module Verify the complete nameplate before installation.
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