

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.

01	02	03	04
OCR161 process-control module	266 MHz processor	64 MB RAM	128 MB CompactFlash

System position

Controller power and backplane	5X00105G14 processor	Control application image	Ovation network and I/O
--------------------------------	----------------------	---------------------------	-------------------------

Product and release scope

Exact identity WESTINGHOUSE 5X00105G14 is retained without shortening its suffix.	Engineering use In an installed OCR161 drop, WESTINGHOUSE 5X00105G14 executes control logic and retains the controller software image on CompactFlash. Replacement therefore requires both hardware identity and controlled software/configuration restoration.	Verification boundary Only exact-model or explicitly applicable family facts are populated.	Acceptance Connections, configuration, function and safe response require recorded proof.
---	---	---	---

Verified technical matrix

Product type	Process-control card module
Controller family	OCR161
Processor clock	266 MHz

RAM	64 MB
CompactFlash	128 MB
Part number	5X00105G14

Interface architecture

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

Control path

Controller power and backplane	5X00105G14 processor	Control application image	Ovation network and I/O
--------------------------------	----------------------	---------------------------	-------------------------

Technical service focus

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

Use cases with controlled scope

OCR161 controller service Restores a controller position built around the G14 hardware revision.	Control-image recovery Provides the CompactFlash hardware used for the controller image.	Legacy DCS maintenance Supports controlled spare matching for an installed OCR161 drop.	Controller fault isolation Separates power, processor, memory, storage and network checks.
--	--	---	--

INTEGRATION CHECKPOINTS

Identity WESTINGHOUSE 5X00105G14 remains complete in purchasing, drawings and labels.	Host system Installed position and surrounding hardware are verified before exchange.	Configuration Project data, jumpers, wiring and settings are recorded as applicable.	Acceptance Functional and safe-state evidence is captured before release.
---	---	--	---

Installation decision points

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.
---	---	--	---

System relationship

Controller power and backplane	5X00105G14 processor	Control application image	Ovation network and I/O
--------------------------------	----------------------	---------------------------	-------------------------

FAQ decision matrix

Engineering decision	Controlled response
Which controller platform uses WESTINGHOUSE 5X00105G14?	It is an Ovation OCR161 process-control module.
What processor speed is associated with WESTINGHOUSE 5X00105G14?	The G14 controller configuration uses a 266 MHz processor.
How much RAM is assigned to WESTINGHOUSE 5X00105G14?	The exact G14 configuration uses 64 MB RAM.
Which CompactFlash capacity belongs to WESTINGHOUSE 5X00105G14?	The documented G14 storage capacity is 128 MB CompactFlash.

Eight release precautions

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.
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.

Product verification and contact

Evidence applicability

Evidence record	Applicable scope
Exact-model OCR161 maintenance records listing 5X00105G14 processor, RAM and CompactFlash configuration	Supports only the exact-model or explicitly applicable family facts used in this document.

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.
--	---	---