WESTINGHOUSE R-S108V01-16-24VDC-C5-1

Ovation DC Relay Panel

WESTINGHOUSE R-S108V01-16-24VDC-C5-1 is an Ovation DC relay panel with sixteen relay channels and a 24 VDC coil supply.

01	02	03	04
Ovation relay-panel assembly	Sixteen relay channels	24 VDC coil supply	C5 connector variant

System position

Ovation output command	24 VDC relay coils	Sixteen isolated contact paths	DC field circuits

Product and release scope

Exact identity	Engineering use	Verification boundary	Acceptance
WESTINGHOUSE R-S108V01-16-24VDC-C5-1 is retained without shortening its suffix.	At the Ovation output boundary, WESTINGHOUSE R-S108V01-16-24VDC-C5-1 separates controller commands from DC field contacts through an assembled relay panel. Commissioning is performed channel by channel from coil command to contact response.	Only exact-model or explicitly applicable family facts are populated.	Connections, configuration, function and safe response require recorded proof.

02 / CAPABILITY AND INTERFACE MAP

Verified technical matrix

Product type	DC relay panel
Platform	Ovation
Relay channels	16
Coil voltage	24 VDC

Contact service	DC field-contact circuits
Connector variant	C5
Part number	R-S108V01-16-24VDC-C5-1

Interface architecture

Logic boundary	Coil boundary	Contact boundary	Field boundary
Receives the installed Ovation output commands	Uses the 24 VDC relay-coil supply	Provides sixteen relay switching paths	Connects to the assigned DC field circuits

Control path

Ovation output command	24 VDC relay coils	Sixteen isolated contact paths	DC field circuits

Technical service focus

H1	H2	H3	H4
Ovation relay-panel assembly	Sixteen relay channels	24 VDC coil supply	C5 connector variant

Use cases with controlled scope

DC relay interfacing	Ovation output isolation	Panel replacement	Channel fault isolation
Switches engineered DC field-contact circuits.	Separates controller commands from relay contact wiring.	Maintains the exact sixteen-channel C5 assembly identity.	Separates command, coil, relay and field-contact checks.

INTEGRATION CHECKPOINTS

Identity	Host system	Configuration	Acceptance
WESTINGHOUSE R-S108V01-16-24VDC-C5-1 remains complete in purchasing, drawings and labels.	Installed position and surrounding hardware are verified before exchange.	Project data, jumpers, wiring and settings are recorded as applicable.	Functional and safe-state evidence is captured before release.

Installation decision points

1	2	3	4
Isolate both the 24 VDC coil supply and every switched field circuit before handling WESTINGHOUSE R-S108V01-16-24VDC-C5-1.	Confirm the complete model string, sixteen-channel panel identity and C5 connector variant.	Record all relay assignments, coil wiring, contact wiring and safe states before removal.	Do not treat the 24 VDC coil value as a field-contact rating.

System relationship

Ovation output command	24 VDC relay coils	Sixteen isolated contact paths	DC field circuits

FAQ decision matrix

Engineering decision	Controlled response
What type of device is WESTINGHOUSE R-S108V01-16-24VDC-C5-1?	It is an Ovation DC relay-panel assembly.
How many relay channels are identified for WESTINGHOUSE R-S108V01-16-24VDC-C5-1?	The panel identity specifies sixteen relay channels.
Which coil supply applies to WESTINGHOUSE R-S108V01-16-24VDC-C5-1?	The relay-coil supply is 24 VDC.
What does C5 identify in WESTINGHOUSE R-S108V01-16-24VDC-C5-1?	C5 is part of the complete connector or assembly variant and must be retained when matching the panel.

Eight release precautions

1 Isolate both the 24 VDC coil supply and every switched field circuit before handling WESTINGHOUSE R-S108V01-16-24VDC-C5-1.	**2** Confirm the complete model string, sixteen-channel panel identity and C5 connector variant.	**3** Record all relay assignments, coil wiring, contact wiring and safe states before removal.	**4** Do not treat the 24 VDC coil value as a field-contact rating.
5 Inspect connector housings, relay retention and terminal condition before installation.	**6** Restore protective devices and separation between coil and switched circuits.	**7** Test each coil command and corresponding contact state with the field circuit controlled.	**8** Release the panel only after all sixteen assigned channels and safe-state actions pass.

Product verification and contact

Evidence applicability

Evidence record	Applicable scope
Exact-model plant procurement record: Ovation relay panel DC, 24 VDC coil, DC contact service	Supports only the exact-model or explicitly applicable family facts used in this document.
Exact-model relay-panel records identifying sixteen channels and C5 assembly variant	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 5X00059G01	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 1X00024H01 WH1-2FF	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record WESTINGHOUSE R-S108V01-16-24VDC-C5-1 Ovation DC Relay Panel Verify the complete nameplate before installation.