WESTINGHOUSE 1C31222G01 5A26458G05

Form X Relay Output Assembly

WESTINGHOUSE 1C31222G01 5A26458G05 is a twelve-channel Ovation KUEP Form X relay-output assembly combining the documented base with a complete relay kit.

01	02	03	04
Twelve KUEP Form X relays	10 A at 240 VAC, PF 0.8	10 A at 150 VDC	Complete G05 labeled assembly

System position

Ovation output command	Relay-output electronics	1C31222G01 base and G05 relays	Field load

Product and release scope

Exact identity	Engineering use	Verification boundary	Acceptance
WESTINGHOUSE 1C31222G01 5A26458G05 is retained without shortening its suffix.	WESTINGHOUSE 1C31222G01 5A26458G05 switches high AC and DC field loads through twelve electromechanical Form X channels. Contact ratings, auxiliary power, branch voltage and cabinet temperature must all be checked together.	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 class	KUEP Form X relay-output assembly
Relay count	12
Base assembly	1C31222G01
Panel kit	5A26458G05
Contact type	Form X electromechanical
AC contact rating	10 A at 240 VAC; PF 0.8

DC contact rating	10 A at 150 VDC
Operate time	15 ms typical, excluding bounce
Release time	10 ms typical, excluding bounce
Auxiliary power	15.9 W typical; 20.41 W maximum
Operating temperature	0 to 60 °C
Storage temperature	-40 to 70 °C

Interface architecture

Logic boundary	Coil boundary	Contact boundary	Field boundary
Ovation relay-output electronics commands	Ovation auxiliary power feeding the relay base	Twelve isolated Form X switching paths	External current-limited AC or DC loads

Control path

Ovation output command	Relay-output electronics	1C31222G01 base and G05 relays	Field load

Technical service focus

H1	H2	H3	H4
Twelve KUEP Form X relays	10 A at 240 VAC, PF 0.8	10 A at 150 VDC	Complete G05 labeled assembly

Use cases with controlled scope

High-current field switching

Controls approved AC or DC loads through twelve Form X channels.

Motor and solenoid interfaces

Provides electromechanical isolation for engineered control circuits.

Legacy panel replacement

Restores the exact 1C31222G01 base and G05 kit combination.

Relay-path troubleshooting

Separates command, coil power, relay operation and field-contact checks.

INTEGRATION CHECKPOINTS

Identity

WESTINGHOUSE 1C31222G01 5A26458G05 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

Isolate auxiliary coil power and every switched circuit before handling WESTINGHOUSE 1C31222G01 5A26458G05.

2

Preserve the complete base-and-kit identity; do not shorten or split the model record.

3

Record all twelve relay assignments, contact wiring and safe states before removal.

4

Provide the external current-limiting protection required by each field load.

System relationship

Ovation output command	Relay-output electronics	1C31222G01 base and G05 relays	Field load

FAQ decision matrix

Engineering decision	Controlled response
How many relay channels are in WESTINGHOUSE 1C31222G01 5A26458G05?	The assembly contains twelve KUEP Form X relay channels.
What does the 5A26458G05 portion of WESTINGHOUSE 1C31222G01 5A26458G05 identify?	It identifies the complete kit with relay electronics, the 1C31222G01 base, twelve Form X relays and a country-of-assembly label.
What AC contact rating applies to WESTINGHOUSE 1C31222G01 5A26458G05?	The Form X contacts are rated 10 A at 240 VAC with power factor 0.8.
What DC contact rating applies to WESTINGHOUSE 1C31222G01 5A26458G05?	The Form X contacts are rated 10 A at 150 VDC.

Eight release precautions

1 Isolate auxiliary coil power and every switched circuit before handling WESTINGHOUSE 1C31222G01 5A26458G05.	**2** Preserve the complete base-and-kit identity; do not shorten or split the model record.	**3** Record all twelve relay assignments, contact wiring and safe states before removal.	**4** Provide the external current-limiting protection required by each field load.
5 Keep the relay branch on the documented +24 V auxiliary-power arrangement.	**6** Verify J10/J11 grounding on the cabinet power-distribution module before energization.	**7** Check relay operate and release action without exceeding the contact ratings.	**8** Release the assembly only after every used channel, load response, fuse and safe-state function passes acceptance.

Product verification and contact

Evidence applicability

Evidence record	Applicable scope
Ovation I/O Reference Manual OW350_R1150, Relay Output base and 5A26458G05 panel-kit sections	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 5X00121G01	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 5X00167G01	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 5X00226G04	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record WESTINGHOUSE 1C31222G01 5A26458G05 Form X Relay Output Assembly Verify the complete nameplate before installation.