Westinghouse 1C31238H01

Complete Product Information

Westinghouse 1C31238H01 occupies the personality-module position in compatible compact Ovation input assemblies and provides the wiring-schematic identification for sixteen-channel configurations.

WHAT THIS PRODUCT DOES

Westinghouse 1C31238H01 serves as a compact i/o cavity insert in the Ovation I/O subsystem. It interfaces digital, events or contact-input wiring identification with compatible compact input electronics module selected by the project.

Product characteristic 1

Provides sixteen-channel compact input context for the documented compact i/o cavity insert function.

Product characteristic 2

Handles digital, events or contact-input wiring identification through the specified Ovation I/O subsystem.

Product characteristic 3

Works with compatible compact input electronics module selected by the project.

Product characteristic 4

The insert provides the field-wiring schematic label while the compact electronics module performs the active I/O function.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Component	Compact I/O cavity insert
Position	Personality-module position
Channel context	16-channel compact input configurations
Supported functions	Compact digital input, sequence-of-events input or contact input

IMPORTANT NOTICE

Use 1C31238H01 only with compatible compact input electronics module selected by the project; verify the field interface and controlled configuration before energizing the subsystem.

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Component	Compact I/O cavity insert
Position	Personality-module position
Channel context	16-channel compact input configurations
Supported functions	Compact digital input, sequence-of-events input or contact input
Active circuitry	Normally no personality module circuitry is required

FEATURE INTERPRETATION

Product identity

Provides sixteen-channel compact input context for the documented compact i/o cavity insert function.

System role

Handles digital, events or contact-input wiring identification through the specified Ovation I/O subsystem.

Service context

Works with compatible compact input electronics module selected by the project.

Return-to-service focus

The insert provides the field-wiring schematic label while the compact electronics module performs the active I/O function.

SIGNAL OR CONTROL PATH

Field wiring → **Cavity insert** → **Compact I/O** → **Ovation controller**

The compact i/o cavity insert belongs in the controlled Ovation I/O subsystem and works with compatible compact input electronics module selected by the project. Its field connection, companion hardware and project configuration must be reviewed together before the channel is returned to service.

PRODUCT-PAGE TECHNICAL QUESTIONS

What function does Westinghouse 1C31238H01 perform?	It occupies the personality-module position in compatible compact Ovation input assemblies and provides the wiring-schematic identification for sixteen-channel configurations.
How many channels are associated with Westinghouse 1C31238H01?	The documented configuration provides sixteen-channel compact input context.
Which signal path is used by Westinghouse 1C31238H01?	It is used for digital, events or contact-input wiring identification within the specified subsystem.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Installed-base maintenance

Restores the documented compact i/o cavity insert position without changing the approved system architecture.

Loop or channel service

Supports verification of digital, events or contact-input wiring identification at the assigned control-system channel.

Planned replacement

Provides an exact-identity replacement path when compatible compact input electronics module selected by the project and the field interface have been confirmed.

Commissioning support

Allows the responsible engineer to prove wiring, configuration, status and response for sixteen-channel compact input context.

APPLICATION VERIFICATION MAP

Installed-base maintenance	Confirm the documented system position and the required operating function.
Loop or channel service	Compare the restored connection or control path with the approved record.
Planned replacement	Check the physical interface and the retained configuration before startup.
Commissioning support	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record

Complete marking and assigned system position.

Connection record

Connector, conductor and interface arrangement as found.

Configuration record

Controlled settings, application data and option state.

Acceptance record

Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

Which signal path is used by Westinghouse 1C31238H01?	It is used for digital, events or contact-input wiring identification within the specified subsystem.
Which companion hardware must be checked for Westinghouse 1C31238H01?	Confirm compatible compact input electronics module selected by the project and the project-specific base or terminal arrangement.
What technical values should be verified before installing Westinghouse 1C31238H01?	Verify Compact I/O cavity insert; also confirm personality-module position and every applicable range or wiring selection.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Match the complete 1C31238H01 marking to the work order and installed position before removal.
02	Confirm compatible compact input electronics module selected by the project before making or breaking any field connection.
03	Keep the assigned digital, events or contact-input wiring identification within the documented subsystem and range.
04	Record terminal designations, polarity, common and shield treatment before disconnecting conductors.
05	Inspect module seating, connector keying, terminal condition and strain relief before power is restored.
06	Restore the controlled channel configuration, range selection and alarm or timeout behavior after installation.
07	Check local indicators and controller diagnostics for internal, communication or channel faults during commissioning.
08	Prove the intended response across sixteen-channel compact input context and record the acceptance result before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What function does Westinghouse 1C31238H01 perform?	It occupies the personality-module position in compatible compact Ovation input assemblies and provides the wiring-schematic identification for sixteen-channel configurations.
How many channels are associated with Westinghouse 1C31238H01?	The documented configuration provides sixteen-channel compact input context.
Which signal path is used by Westinghouse 1C31238H01?	It is used for digital, events or contact-input wiring identification within the specified subsystem.
Which companion hardware must be checked for Westinghouse 1C31238H01?	Confirm compatible compact input electronics module selected by the project and the project-specific base or terminal arrangement.

IMPORTANT NOTICE	Use 1C31238H01 only with compatible compact input electronics module selected by the project; verify the field interface and controlled configuration before energizing the subsystem.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

What technical values should be verified before installing Westinghouse 1C31238H01?	Verify Compact I/O cavity insert; also confirm personality-module position and every applicable range or wiring selection.
What connection details should be recorded for Westinghouse 1C31238H01?	Record terminal identifiers, polarity, common, shield termination, connector keying and the assigned channel before disconnection.
Which diagnostics should be reviewed when commissioning Westinghouse 1C31238H01?	Review the applicable power, communication, internal-fault and channel-status indications, then compare the controller status with the expected field condition.
Can a nearby ordering code replace Westinghouse 1C31238H01 without an engineering check?	No. Match the complete identifier, companion hardware, signal range, wiring and controlled project configuration before substitution.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	Emerson official Ovation spare-parts sheet and Ovation I/O Reference Manual R3-1150 Rev 3.
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

RELATED MODELS ON APTERPOWER

Westinghouse 1C31223G01	Related product reference. Review the complete ordering string before selection.
Westinghouse 1C31125G02	Related product reference. Compare the required interface and system position.
Westinghouse 1C31147G01	Related product reference. Confirm the execution independently for the intended task.

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