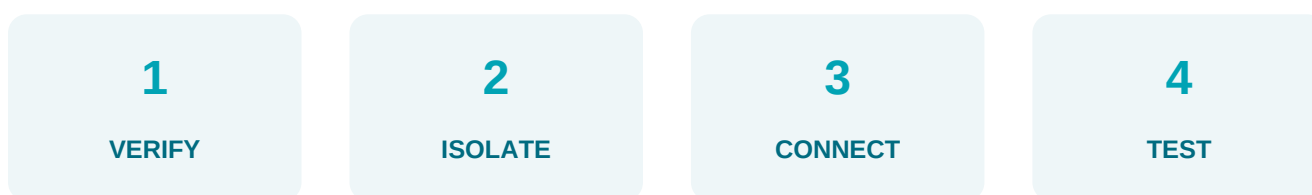


1C31110G03

Contact Input Personality

INSTALLATION | CONNECTION | COMMISSIONING | ACCEPTANCE

CONTROLLED WORK SEQUENCE



Match 1C31110G03 with the documented 1C31142G01 electronics module, 48 V DC wetting arrangement and sixteen-channel field wiring.

CONTROLLED PREREQUISITES

Exact identity

Verify 1C31110G03 against the nameplate and controlled record.

Approved system

Confirm the documented Westinghouse Ovation contact input subsystem system position and interfaces.

Evidence

Use R3-1150 for the published technical and installation boundary.

RELATED PRODUCTS ON APTER POWER

01	Emerson PR6424-003-030	OPEN
02	Emerson PR9268-302-100	OPEN
03	Emerson PR9268-301-100	OPEN
04	Emerson PR9268-201-100	OPEN

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1C31110G03

Exact-model technical record

Complete model	1C31110G03	Wetting supply	48 V DC nominal from the electronics module
Manufacturer	Emerson	Auxiliary supply range	42 to 55 V DC
Product family	Westinghouse Ovation contact input subsystem	Propagation delay	7 ms maximum
Personality module	1C31110G03	Pulse rejection	Rejects pulses below 3 ms
Input channels	16	Accepted pulse	Accepts pulses above 7 ms
Function	Surge protection for contact inputs	Compliance	Documented configurations are CE
Companion electronics	1C31142G01		

OFFICIAL SOURCE COVERAGE

Source 1	Westinghouse Ovation I/O Reference Manual — Catalog or product identification, R3-1150
Source 2	Westinghouse Ovation I/O Reference Manual — Technical specifications, R3-1150
Source 3	Westinghouse Ovation I/O Reference Manual — Installation and application guidance, R3-1150

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1C31110G03

Installation and connection sequence

STEP 1

Confirm the complete 1C31110G03 marking and installed contact-input position before work.

STEP 2

Place the connected process in the approved maintenance state.

STEP 3

Isolate every applicable power and field circuit before disconnection.

STEP 4

Record connector, terminal, address, slot and companion-hardware identities.

STEP 5

Use grounded ESD controls and protect keyed interfaces from damage.

STEP 6

Preserve documented polarity, shielding, grounding and cable routing.

RELATED PRODUCTS ON APTER POWER

01	Emerson PR6424-003-030	OPEN
02	Emerson PR9268-302-100	OPEN
03	Emerson PR9268-301-100	OPEN
04	Emerson PR9268-201-100	OPEN

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1C31110G03

Commissioning and acceptance

CHECK 1

Restore power in the approved sequence and review diagnostics.

CHECK 2

Prove the intended input, output or communications response and retain the acceptance record.

CHECK 3

Match 1C31110G03 with the documented 1C31142G01 electronics module, 48 V DC wetting arrangement and sixteen-channel field wiring.

CHECK 4

Retain the final 1C31110G03 identity, wiring, diagnostic and acceptance record.

RELATED PRODUCTS ON APTER POWER

01	Emerson PR6423-002-030	OPEN
02	Emerson CON021	OPEN
03	Emerson KJ3003X1-EA1	OPEN
04	Emerson WSNF8327B002	OPEN
05	Emerson WSNF8327A321MO	OPEN
06	Emerson WSNF8551A409MO	OPEN

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1C31110G03

Acceptance reference and related products

Identity	Complete model 1C31110G03 verified
Installed system	Westinghouse Ovation contact input subsystem
Connections	Power, polarity, shielding, address or slot record completed
Controlled test	Diagnostics and intended process response accepted

RELATED PRODUCTS ON APTER POWER

01	Emerson VCCM8551G410MO	OPEN
02	Emerson VCCM8551G309MO	OPEN
03	Emerson KJ4006X1-BD1	OPEN
04	Emerson KC4011X1-BZ1	OPEN
05	Emerson KC4011X1-BW1	OPEN
06	Emerson KJ2201X1-BA1	OPEN
07	Emerson 3900-02-10	OPEN
08	Emerson 396P-02-12-55	OPEN

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