

1C31219G01

Ovation 16-Channel Relay Output Module Assembly

Product identification

Emerson 1C31219G01 is a 16-channel Ovation electronics module that commands mechanical relays on a compatible relay-output base.

It plugs directly into the selected base without a personality module and supports output-status indication, configurable communication-timeout behavior, and fuse monitoring.

Confirm the relay-base part number, relay family, contact form, coil supply, field load, fuse-monitoring circuit, and project channel mapping before replacement.

Product identity

Manufacturer	Emerson
Part number	1C31219G01
Product family	Ovation I/O
Product type	Relay-output electronics module
Channels	16
Personality module	Not used

Technical information

G2R relay base	1C31223G01; 16 Form C relays
KUEP relay base	1C31222G01; 12 Form C or Form X relays
Fuse-monitoring auxiliary range	18 to 25.5 V
Main module power	1.88 W typical; 2.5 W maximum
Auxiliary module power	0.3 W typical; 0.35 W maximum
Operating temperature	0 to 60 deg C
Storage temperature	-40 to 85 deg C
Relative humidity	0 to 95%, non-condensing

Relay-base integration

- 1C31223G01 provides 16 Form C G2R relays for the documented assembly.
- 1C31222G01 provides 12 KUEP relays with project-dependent Form C or Form X contacts.
- The electronics module plugs directly into the relay base without a personality module.

Diagnostics and powering

- Each output channel has a corresponding status LED on the electronics module.
- Communication-timeout behavior is configurable for the output channels.
- Blown-fuse detection uses the documented 18 to 25.5 V auxiliary range.

Commissioning checks

- Verify the installed relay-base part number and contact arrangement before energizing field loads.
- Confirm coil supply, feeder protection, channel mapping, and fuse-monitoring wiring against the project drawings.
- Treat field switching capacity as a function of the installed relay base and relay contact rating.

Request a quotation
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Product reference
1C31219G01
Ovation 16-Channel Relay Output Module
Assembly



Manufacturer source

https://www.emerson.com/is/content/emerson/en/corporate/shared-assets/documents/pws_002864-ovation-io-overview.pdf