

EMERSON OVATION

5X00411G01

16-channel redundant 24 V current-sinking digital-input module

Product identity and technical data

Manufacturer	Emerson
Part number	5X00411G01
Product family	Ovation I/O
Product type	Redundant digital-input electronics module
Channels	16
Input arrangement	24 V; single-ended; current-sinking
Input standard	IEC 61131-2 Type 1
Companion personality module	5X00414G01
Channel sensing	Two voltage-sensing circuits per channel
Redundant auxiliary source	Common 24 V DC source shared by the redundant pair

Product summary

Emerson 5X00411G01 is the Ovation electronics module for a redundant 16-channel 24 V current-sinking digital-input assembly.

Each channel uses two voltage-sensing circuits, and the redundant pair shares a common 24 V DC auxiliary source with the documented 5X00414G01 personality module.

Confirm both electronics modules, both personality modules, shared auxiliary power, field commons, channel assignments and project redundancy definition before commissioning.

Configuration and selection checks

Additional technical data

Main +24 V power	1.1 W, all inputs off; 3.5 W, all inputs on
Cabinet main power	3.5 W/VA typical
Main heat dissipation	11.9 BTU/h typical
Minimum software context	Windows-based Ovation 3.2 or later

Redundancy

- The redundant pair uses a common 24 V DC auxiliary power source.
- Both module positions must be represented in the approved Ovation project configuration.
- Two voltage-sensing circuits are provided for each input channel.

Sensing

- The assembly provides 16 single-ended current-sinking input channels.
- The documented field-input class is 24 V and IEC 61131-2 Type 1.
- The supported personality-module designation is 5X00414G01.

Integration

- The documented software context is Windows-based Ovation 3.2 or later.
- Channel status and redundant-module health must be checked in the configured Ovation system.
- Field commons and the shared auxiliary source must follow the approved cabinet drawings.

Confirm the complete model identifier and installed system configuration before replacement or commissioning.