



We've taken the benefits of the existing FLEX I/O modules and integrated the terminal base with the input/output module and decreased the size to provide the space-conscious manufacturer with a more competitive cost-saving solution.



# FLEX Integra™ Smaller and More Easily Distributed Analog modules now available in FLEX Integra line of distributed I/O

## Product Profile

Rockwell Automation's Allen-Bradley brand of I/O expands its FLEX I/O family offerings by providing smaller increments of I/O to best meet the needs of the manufacturer.

### Cost- and Time- Saving Flexibility

FLEX Integra allows the design engineer to look at cost-saving opportunities when designing their system with the exact number of input/output modules for their application needs. The packaging of this I/O platform offers modules at half the length, resulting in half the required installation space.

In addition to the cost-saving opportunities, the engineer saves time trouble shooting by aligning the LEDs directly with the screw- or spring-style terminations of the respective channels.

By meeting the global industry standards of CE, UL/CSA and Class I Division 2, our product offerings can be used around the world with global acceptance.



### FLEX Integra and FLEX I/O Compatibility

The large family of FLEX I/O communication adapters and I/O modules are fully compatible with FLEX Integra, allowing for maximum application coverage and cost reduction possibilities to existing FLEX I/O users, as well as users of other I/O products.

The FLEX Integra family consists of four new 4-point I/O modules for 24V dc applications and three new analog I/O modules. By offering this variety, two major cost objectives were optimized: minimum number of points possible

and the combination modules provide system configuration flexibility.

### Fitting in Your Application

The ability to tailor an I/O application with a more effective mix of I/O types will be ideally suited in sortation, packaging, conveyor transport systems

# Allen-Bradley



Bringing Together Leading Brands in Industrial Automation

Feature	Benefit
Fewer points in a package	Low cost for highly distributed applications. Smaller packaging for ease of design and installation.
FLEX I/O compatibility	Reduce design and training costs.
Single integrated package: I/O module and terminal base as one unit.	Reduce inventory costs and installation costs.
4 terminations per channel	Eliminate costs of external terminal blocks.
Short circuit protection	Reduce costs associated with electrical damage/failures in the factory.
Small footprint	Reduce panel and overhead costs.
Reapplication of FLEX I/O technology	High quality with proven designs.
Leverage existing product technology	Increased product availability and reliability.

Catalog Number	Description
1793-IB4	24V dc 4 point digital input module (screw termination)
1793-OB4P	24V dc 4 point digital output module (screw termination)
1793-IB2XOB2P	24V dc 2 input 2 output digital combo module (screw termination)
1793-OW4	4 Relay output module (screw termination)
1793-IB4S	24V dc 4 point digital input module (spring termination)
1793-OB4PS	24V dc 4 point digital output module (spring termination)
1793-IB2XOB2PS	24V dc 2 input 2 output digital combo module (spring termination)
1793-OW4S	4 Relay output module (spring termination)
1793-IE4	Current/Voltage 4 point analog input module (screw termination)
1793-IE4S	Current/Voltage 4 point analog input module (spring termination)
1793-OE2	Current/Voltage 2 point analog output module (screw termination)
1793-OE2S	Current/Voltage 2 point analog output module (spring termination)
1793-IE2XOE1	Combo analog 2 input 1 output module (screw termination)
1793-IE2XOE1S	Combo analog 2 input 1 output module (spring termination)

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I/O Systems web site: [www.ab.com/io\\_systems](http://www.ab.com/io_systems)

and valve manifolds for light industrial applications. The low-point count of FLEX Integra modules allows a more exacting mix of I/O in highly distributed systems, thus meeting cost saving needs of OEM machine builders.

Allen-Bradley's I/O platforms offer high quality and valuable customer benefits and features. From fully integrated systems for maximum performance to stand-alone I/O applications, Allen-Bradley I/O products deliver the best values.

### Control Your Future Today

Rockwell Automation's Allen-Bradley FLEX I/O systems help to lower cost, save time and increase flexibility of your future, today!

- Allen-Bradley's I/O platforms offer unmatched breadth in terms of application-specific solutions available from us and from other vendors participating in the Encompass Program, a product referencing program designed to identify, qualify, and jointly market third party manufactured products that complement the products and services of Rockwell Automation.
- Our sales, distribution and system integration network can provide consultation at the start, middle or maintenance phase of your project.
- Spare parts and support are globally available 24 hours a day through a distribution network and technical support organization unsurpassed by any other automation vendor.

Reach us now at [www.rockwellautomation.com](http://www.rockwellautomation.com)

Wherever you need us, Rockwell Automation brings together leading brands in industrial automation including Allen-Bradley controls, Reliance Electric power transmission products, Dodge mechanical power transmission components, and Rockwell Software. Rockwell Automation's unique, flexible approach to helping customers achieve a competitive advantage is supported by thousands of authorized partners, distributors and system integrators around the world.

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