

Bulkhead Passthru Connectors and Open-Style Y-Adapters Simplify Connectivity in DeviceNet Applications

Get Connected with Rockwell Automation

As a global leader in DeviceNet technology, Rockwell Automation offers a wide variety of DeviceNet-compatible components ranging from logic engines to field devices and the cabling in between. The complete range of Allen-Bradley DeviceNet physical media products — from standard round media solutions to the revolutionary KwikLink™ flat media — provides simple, rugged, cost effective solutions for a broad range of industrial applications. As part of our commitment to providing solutions focused on value to our customers, Rockwell Automation has expanded its DeviceNet media family with the addition of bulkhead passthru connectors and an open-style Y-adapter.



More Ways to Connect your DeviceNet Network

As the number and complexity of installations continue to increase, DeviceNet's perfect balance between functionality and flexibility is what makes it the device-level network of choice for industrial control. And these characteristics are not just a reflection of the broad range of 'smart' field devices, but also of the building blocks—the physical media—that connect them. That's why Rockwell Automation continues to introduce new connectivity solutions that enhance the flexibility that has become the trademark of DeviceNet.

The latest additions to the growing Allen-Bradley DeviceNet physical media offering are accessories that make the implementation of your network even easier.

Bulkhead Passthru Connectors provide simplified connectivity solutions for thru-panel applications. Consisting of a threaded housing with an integral female connector on one end and a male connector on the other, bulkhead passthru connectors expand your installation possibilities by increasing system modularity. Available in both micro and mini connector styles, Allen-Bradley bulkhead passthru connectors are offered in 4- and 5-pin configurations for compatibility with a wide variety of components.

Open-Style Y-Adapters split one open-style female connection into two open-style male connectors, and are the easiest way to interface multiple devices to a single open-style device connection point. In addition, these adapters are the ideal solution for simplifying connectivity when daisy-chaining open-style connections in a DeviceNet network.

Bulkhead Passthru Connector Features and Benefits

- 1.2 inch thread length provides capability for a wide variety of mounting needs
- Keyed housing prevents connector rotation after installation
- 4-pin and 5-pin configurations address the needs of both DeviceNet and Auxiliary Power connectivity
- Standard nickel-plated brass housing addresses the majority of application needs
- Stainless steel mini versions available for harsh applications
- IP67 rated for industrial environments

Open-Style Y-Adapter Features and Benefits

- Compact size provides open-style connectivity expansion solutions for space limited applications
- Connector rated for 8A @ 24V for the most demanding applications
- Retaining screws on all three connection points for reliable connection
- Durable construction allows use in wide range of environments



General Ordering Information



Mini version



Micro version



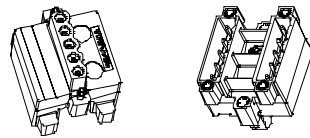
Bulkhead Passthru Connectors

Configuration	Typical Usage	Part Number
5-pin Micro	DeviceNet	1485A-CXR5-D5
5-pin Mini	DeviceNet	1485A-CXN5-M5
4-pin Mini	Auxiliary Power	889A-CXN4-M4

Note: 5-pin Micro model may also be used for 4-pin applications

Note: For stainless steel mini models, add "S" to the bulletin number (e.g. 1485AS-CXN5-M5)

Open-Style Y-Adapters

Configuration	Part Number
One open-style female to two open-style male	1485P-P1J5-UU5
	

For information on Allen-Bradley DeviceNet media, sensors, and distributed I/O, including:

- KwikLink Flat Media
- Thick Round Media
- Thin Round Media
- DeviceNet Sensors & Encoders
- DeviceNet Distributed I/O

check out the DeviceNet Media Selection Guide. Publication Number 1485-CG001A-EN-P.



www.rockwellautomation.com

Corporate Headquarters

Rockwell Automation, 777 East Wisconsin Avenue, Suite 1400, Milwaukee, WI, 53202-5302 USA, Tel: (1) 414.212.5200, Fax: (1) 414.212.5201

Headquarters for Allen-Bradley Products, Rockwell Software Products and Global Manufacturing Solutions

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36-BP 3A/B, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, 27/F Citicorp Centre, 18 Whitfield Road, Causeway Bay, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Headquarters for Dodge and Reliance Electric Products

Americas: Rockwell Automation, 6040 Ponders Court, Greenville, SC 29615-4617 USA, Tel: (1) 864.297.4800, Fax: (1) 864.281.2433

Europe/Middle East/Africa: Rockwell Automation, Brühlstraße 22, D-74834 Elztal-Dallau, Germany, Tel: (49) 6261 9410, Fax: (49) 6261 1774

Asia Pacific: Rockwell Automation, 55 Newton Road, #11-01/02 Revenue House, Singapore 307987, Tel: (65) 6356-9077, Fax: (65) 6356-9011