

LISTEN.  
THINK.  
SOLVE.®

# ESSENTIAL COMPONENTS

CONNECTIVITY

## DeviceNet™ Open-Style Connectivity

More connection options with enhanced features simplify your wiring in DeviceNet On-Machine™ applications

Recognizing the importance of flexibility and value in your control system, Rockwell Automation continues to introduce new connection systems components that help make your installations simpler while addressing the market's ever-changing needs. From specialized safety connection systems to a full complement of standard patchcords and cordsets, Allen-Bradley connectivity products are rugged, cost-effective solutions for a broad range of industrial applications. The new DeviceNet Open-style cordsets offer enhanced features and broader connectivity options for the On-Machine solution provided by Rockwell Automation.

### More Plug-and-Play Options

Rockwell Automation offers a full suite of quick-connecting IP67 rated DeviceNet products designed to help you eliminate wiring errors and maintain the integrity of the network, while improving productivity and lowering the total cost of operation. This reliable, streamlined wiring philosophy is continued in the IP20 space with the introduction of overmolded DeviceNet open-style connectors. Whether integrating a trunk line with I/O or daisy-chaining a series of drives, network ports are quickly and accurately terminated.

Even when network connections are run inside enclosures, the application needs to withstand the abuse of an industrial environment. The overmolded housing protects the integrity of the signal while the retaining screws ensure a reliable connection.

The convenience is increased further with multiple bulkhead receptacles offered as mating adapters for the open-style connector. Now the ease of configured cables isn't limited to the DC Micro or Mini trunk line--Rockwell Automation now offers standard cable configurations from the field devices all the way back to the PLC. DeviceNet Open-style cordsets are yet another addition to our increasing connection systems portfolio, which reflects an initiative to provide flexible solutions for a broader range of applications.



### Features:

- Female open style connector to:
  - Male and Female Mini Bulkhead Receptacle
  - Female Open Style Connector
  - Male and Female DC Micro Bulkhead Receptacle
  - Cable with Flying Leads
- Provides convenient transition from open-style DeviceNet to IP67 cabling
- Grey PVC jacket offers good oil and chemical resistance
- Retaining screws ensure reliable connection

### Benefits:

- Simplified connection of devices to DeviceNet round and flat media systems
- Numerous connection options provide elegant solutions for terminating the cable outside the cabinet
- Reduces the number of parts needed in typical systems
- Eliminates the need for screw-terminal connections when adding open-style field devices to the network

## General Ordering Information

### DeviceNet Open-Style Cordsets

First Connector	Second Connector	Electrical Rating	Part Number
Open-Style DeviceNet	Cable	250V, 4A	1485G-P*J5-C
	Open-Style DeviceNet		1485G-P*J5-J5
	Micro Male		1485G-P*J5-FD5
	Micro Female	1485G-P*J5-FR5	
	Mini Male	300V, 4A	1485G-P*J5-FM5
	Mini Female		1485G-P*J5-FN5

\* Replace symbol with desired length in meters (i.e. 1485G-P1J5-C for a 1 meter cable).  
Standard cable lengths: 1m, 2m, 3m, 4m, 5m, 6m.



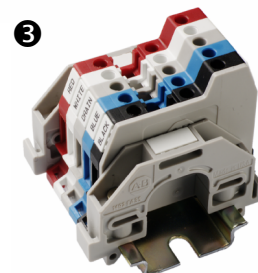
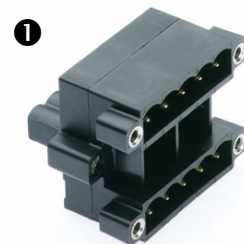
### Accessories:

**Open-Style Y-Adapter (1):** Provides convenient daisy chaining of open-style DeviceNet connections and retains screws for a reliable connection.

**Open-Style to Micro (2):** Provides convenient transition to Micro quick disconnect from open-style DeviceNet connection.

**Open-Style Tap (3):** Allows drop cables to be connected to the trunk-line using screw terminal wiring connections. Used for all trunk (upstream and downstream) and drop cable connections.

Description	Female Connector	Male connector	Part Number
Open-Style Y-Adapter	Open-Style DeviceNet	Open-Style DeviceNet	1485P-P1J5-UU5
Open-Style to Micro Connector	Open-Style DeviceNet	Micro-Style	1799-DNC5MMS
Open-Style Tap	Screw Terminal	Screw Terminal	1492-DN3TW



[www.rockwellautomation.com](http://www.rockwellautomation.com)

### Power, Control and Information 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, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Publication 1485GP-PP001A-EN-P — July 2007

© 2007 Rockwell Automation, Inc. All Rights Reserved. Printed in USA.