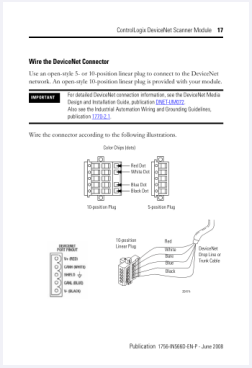
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

1756-DNB

DeviceNet Scanner Communication Module


ControlLogix DeviceNet Scanner Module 17

Wire the DeviceNet Connector

Use an open-style 5- or 10-position linear plug to connect to the DeviceNet network. An open-style 10-position linear plug is provided with your module.

IMPORTANT For detailed DeviceNet connection information, see the DeviceNet Media Design and Installation Guide, publication DNET-UM072. Also see the Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1.

Wire the connector according to the following illustrations.

Color Chips (dots)

Red Out
White Out
Blue Out
Black Out

10-position Linear Plug

5-position Plug

5-position Plug

Red
White
Shield
Blue
Black

DeviceNet Drop Line or Trunk Cable

Publication 1756-IN566D-EN-P - June 2008

PRODUCT	1756-DNB
FAMILY	ControlLogix
FUNCTION	DeviceNet Scanner Communication Module
SOURCE	Rockwell Automation 1756-IN566D, ControlLogix DeviceNet Scanner, Series C and D

01 OFFICIAL MOUNTING AND WIRING

- Remove power or confirm a nonhazardous area before inserting or removing the scanner. Align the circuit board with the chassis guides.
- Slide the module into the chassis until its backplane connector is fully seated and the front is flush with the adjacent modules.
- Wire the DeviceNet plug according to the conductor-color diagram, fit it to the DeviceNet port and tighten the connector screws as documented.

AMIKON PRODUCT SUPPORT

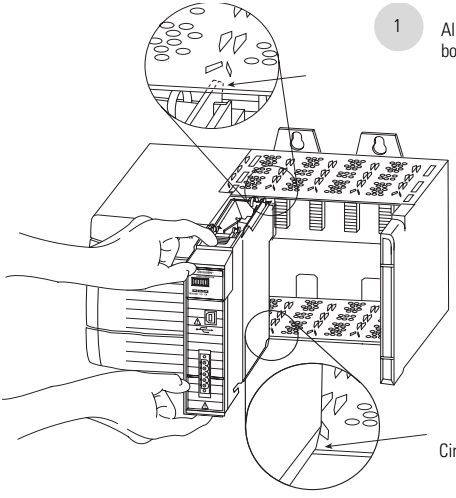
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM

Install the Module in the Chassis

WARNING

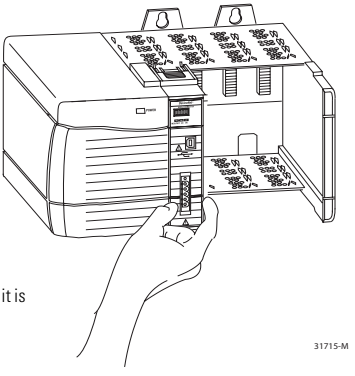
When you insert or remove the module while backplane power is on, an electrical arc can occur. This could cause an explosion in hazardous location installations.
Be sure that power is removed or the area is nonhazardous before proceeding. Repeated electrical arcing causes excessive wear to contacts on both the module and its mating connector. Worn contacts may create electrical resistance that can affect module operation.

1 Align the circuit board with top and bottom guides in the chassis.



2 Slide the module into the chassis. Make sure the module backplane connector properly connects to the chassis backplane.

3 The module is properly installed when it is flush with the power supply or other installed modules.

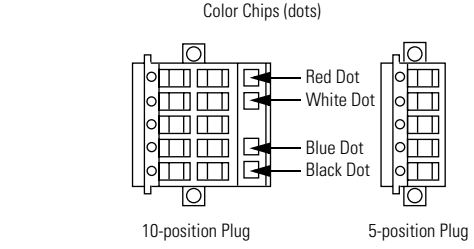


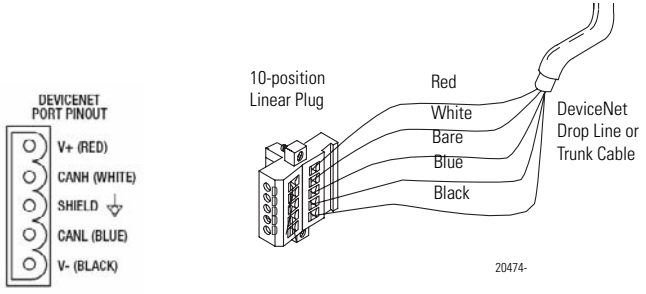
Wire the DeviceNet Connector

Use an open-style 5- or 10-position linear plug to connect to the DeviceNet network. An open-style 10-position linear plug is provided with your module.

IMPORTANT For detailed DeviceNet connection information, see the DeviceNet Media Design and Installation Guide, publication DNET-UM072.
Also see the Industrial Automation Wiring and Grounding Guidelines, publication 1770-2.1.

Wire the connector according to the following illustrations.





Connect the Module to the DeviceNet Network

WARNING



If you connect or disconnect the DeviceNet connector with power applied to this module or any device on the network, an electrical arc can occur. This could cause an explosion in hazardous location installations.
Be sure that power is removed or the area is nonhazardous before proceeding.

Attach the connector to the module's DeviceNet port as shown below. Tighten the screws on the connector as needed.

