CONTROLLOGIX

Product Data Sheet

1756-DNB

DeviceNet Scanner Communication Module

DEVICENET DATA RATES	MAXIMUM TRUNK LENGTH	5.1 V BACKPLANE CURRENT	24 V BACKPLANE CURRENT
125; 250; 500 kbit/s	**500 m at 125 kbit/s; 250 m at 250 kbit/s; 100 m at 500 kbit/s**	**850 mA**	**3 mA**

1756-DNB is a DeviceNet Scanner Communication Module in the ControlLogix family. It connects a ControlLogix controller to devices on a DeviceNet network through a configured scan list.

01 VERIFIED TECHNICAL DATA

DeviceNet data rates	125; 250; 500 kbit/s
Maximum trunk length	500 m at 125 kbit/s; 250 m at 250 kbit/s; 100 m at 500 kbit/s
5.1 V backplane current	850 mA
24 V backplane current	3 mA
DeviceNet supply	11 to 25 V DC; 60 mA maximum
Continuous isolation	30 V; basic insulation
Isolation test	500 V AC for 60 seconds, DeviceNet to system
Power dissipation	5.8 W maximum
Thermal dissipation	19.8 BTU/hr maximum
USB interface	USB 1.1 device; Series B receptacle

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Connector torque	0.56 to 0.79 Nm
Operating temperature	0 to 60deg C
Storage temperature	-40 to 85deg C
Relative humidity	5 to 95%, noncondensing
Vibration	2 g at 10 to 500 Hz

03 DOCUMENTED USE SETTINGS

Industrial Manufacturing and Production Automation: Industrial Production and Assembly.

Food Manufacturing and Beverage Processing: Food Processing and Packaging.

Water Treatment and Wastewater Processing: Municipal Drinking Water Treatment.

04 SYSTEM COMPATIBILITY

1756-DNB belongs to the ControlLogix platform and serves as a DeviceNet Scanner Communication Module. Match the complete article code and installed hardware revision before using the applicable manufacturer documentation.

05 PRODUCT EVIDENCE

Rockwell Automation 1756-IN566D, ControlLogix DeviceNet Scanner, Series C and D

AMIKON PRODUCT SUPPORT

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