

 Allen-Bradley 1769-SDN product image



Catalog #: 1769-SDN  
CompactLogix DeviceNet Scanner Module

Lifecycle status: Active Mature

Rockwell Automation announces that as of December 31, 2025, the CompactLogix DeviceNet Scanner Module will be discontinued and no longer available for sale. Customers are encouraged to remove references to the affected product(s).

**Discontinued Date:** December 31, 2025  
**Replacement Category:** Engineering Replacement  
**Replacement Product:** [1788-EN2DNR](https://www.rockwellautomation.com/pt-br/products/details.1788-EN2DNR.html)  
[<https://www.rockwellautomation.com/pt-br/products/details.1788-EN2DNR.html>]

# Technical Specifications

## Electrical

Number of HW-interfaces industrial Ethernet	1
Suitable for safety functions	No
With optical interface	No
Supporting protocol for TCP/IP	No
Supporting protocol for DeviceNet	Yes
Supporting protocol for other bus systems	No
Redundancy	No
I/O link master	No
Supporting protocol for DeviceNet Safety	No
Supporting protocol for EtherNet/IP	No
Type of data transmission	Other
Power dissipation	4.7 W
Enclosure type rating	None (open-style)
Number of nodes, max	64 nodes
DeviceNet current draw	110 mA @ 24V DC Class 2/SELV

Current draw	440 mA @ 5.2V DC
Ports	1 DeviceNet open-style 5-pin linear plug
Wire category	2 - on communication ports
Wire size	802.3 compliant shielded or unshielded twisted pair
Isolation voltage	30V (continuous), basic insulation type, DeviceNet to backplane, Type tested at 710V DC for 60 s
Supporting protocol for LON	No
Supporting protocol for ASI	No
Supporting protocol for PROFIBUS	No
Supporting protocol for CAN	No
Supporting protocol for INTERBUS	No
Supporting protocol for KNX	No
Supporting protocol for Modbus	No
Supporting protocol for Data-Highway	No
Supporting protocol for SUCONET	No
With potential separation	No
Supporting protocol for SERCOS	No
Supporting protocol for INTERBUS-Safety	No
Radio standard Bluetooth	No
Radio standard Wi-Fi 802.11	No
Supporting protocol for AS-Interface Safety at Work	No
Supporting protocol for Foundation Fieldbus	No
Supporting protocol for PROFINET CBA	No
Supporting protocol for PROFINET IO	No
Supporting protocol for PROFIsafe	No
Supporting protocol for SafetyBUS p	No
Radio standard GPRS	No
Radio standard GSM	No
Radio standard UMTS	No
Slot width	1
Power supply distance rating	4 modules
DeviceNet current range	11...25V DC

DeviceNet connector torque	0.56 Nm
DeviceNet communication rate	125 Kbps (500 m max), 250 Kbps (250 m max), 500 Kbps (100 m max)

### Mechanical

Width	50 mm
Height	118 mm
Depth	87 mm
Weight, approx	0.28 kg
Module location	DIN rail or panel mount
Mounting screw torque	1.16 Nm (10 lb.in) - use M4 or #8 screws

### Environmental

Surrounding air temperature, max	60 °C
Emissions	CISPR 11 (IEC 61000-6-4): Group 1, Class A
Vibration	2 G @ 10...500 Hz
ESD immunity	6 kV contact discharges, 8 kV air discharges
EFT/B immunity	±2kV at 5 kHz on communications ports
Relative humidity	5...95% noncondensing
Shock	Operating: 30 G
Conducted RF immunity	10V rms with 1 kHz sine-wave 80% AM from 150 kHz...80 MHz
Surge transient immunity	±2 kV line-earth (CM) on communication ports
Nonoperating temperature	-40 to 85 °C
Operating temperature	0 to 60 °C
Radiated RF immunity	10 V/m with 1 kHz sine-wave 80% AM from 80...2000 MHz, 10 V/m with 200 Hz 50% Pulse 100% AM @ 900 MHz, 1 V/m with 1 kHz sine-wave 80% AM from 2000...2700 MHz

### Certification

North American temperature code	T3C
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## Certifications

- Registro Italiano Navale

*This product was certified with the above certifications as of 2024-06-26. Products sold before or after this date might carry different certifications. Please review the product label to check for the certifications your specific product carries.*



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