

1771-SDN

DeviceNet Scanner Module

It interfaces a PLC-5 system with DeviceNet devices through two scanner channels and a configured scan list.

Manufacturer	Allen-Bradley
Product family	Bulletin 1771 PLC-5 communication platform
Complete model	1771-SDN
Source record	1771-UM118 / 1771-IN014

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 41391-261-52	OPEN
02	Allen Bradley 1794-OB8EP	OPEN
03	Allen Bradley 1785-PFB	OPEN
04	Allen Bradley 1756-L62S	OPEN
05	Allen Bradley 1785-ME32	OPEN
06	Allen Bradley 1756-L63	OPEN

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1771-SDN

Exact-model technical record

Complete model	1771-SDN	I/O messaging	Polled, strobe, change-of-state and
Manufacturer	Allen-Bradley	Configuration	Channel-specific scan lists and data tables
Product family	Bulletin 1771 PLC-5 communication platform	Series compatibility	Series C supports Series A/B behavior subject to
Network	DeviceNet	Addressing	DeviceNet node address by channel
Controller platform	PLC-5 / Bulletin 1771	Status	Module and network diagnostic indicators
Scanner channels	2	Replacement boundary	Preserve both channel maps and PLC data-table
Data rates	125, 250 or 500 kbit/s		

OFFICIAL SOURCE COVERAGE

Source 1	1771-SDN DeviceNet Scanner Module User Manual — Catalog or product identification, 1771-UM118 / 1771-IN014
Source 2	1771-SDN DeviceNet Scanner Module User Manual — Technical specifications, 1771-UM118 / 1771-IN014
Source 3	1771-SDN DeviceNet Scanner Module User Manual — Installation and application guidance, 1771-UM118 / 1771-IN014

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System role and applications

PLC-5 DeviceNet scanning

Exchanges I/O data with assigned DeviceNet nodes.

Dual-channel network service

Operates two independently configured scanner channels.

Mixed messaging modes

Coordinates polled, strobe, COS and cyclic data.

Scanner replacement

Restores 1771-SDN while retaining addresses and data tables.

ENGINEERING BOUNDARY

Back up both 1771-SDN scan lists, data-table maps, node addresses and data rates. Confirm series and switch behavior before exchanging hardware.

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Model-specific engineering questions

Q1. Which network identifies 1771-SDN?

Network: DeviceNet. Match the complete catalog identity before work.

Q2. What controller platform must be matched for 1771-SDN?

Controller platform: PLC-5 / Bulletin 1771. Preserve the installed system assignment and connector mapping.

Q3. How is the scanner channels defined on 1771-SDN?

Scanner channels: 2. Use the controlled project record during wiring checks.

Q4. Why does the data rates matter when replacing 1771-SDN?

Data rates: 125, 250 or 500 kbit/s. Do not substitute a neighboring family value.

SOURCE IDENTIFIER

1771-UM118 / 1771-IN014

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Acceptance reference and related products

Q5. Which i/o messaging should commissioning records retain for 1771-SDN?

I/O messaging: Polled, strobe, change-of-state and cyclic. Record the as-found setting before removal.

Q6. What should technicians verify about the configuration of 1771-SDN?

Configuration: Channel-specific scan lists and data tables. Confirm the value again during controlled startup.

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 1785-ME32	OPEN
02	Allen Bradley 1756-L63	OPEN
03	Allen Bradley 1757-BEM	OPEN
04	Allen Bradley 1756-L1M2	OPEN
05	Allen Bradley 1756-L61S	OPEN
06	Allen Bradley 1756-L55M13	OPEN
07	Allen Bradley 1756-L55M12	OPEN
08	Allen Bradley 700-HC14Z24	OPEN
09	Allen Bradley 1794-OB16P	OPEN
10	Allen Bradley 1756-L82E-B	OPEN
11	Allen Bradley 1756-TBE	OPEN
12	Allen Bradley 1756-DHRIO	OPEN
13	Allen Bradley 1794-IB16	OPEN
14	Allen Bradley 1336-PB-SP5A	OPEN

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