

1771-SDN

DeviceNet Scanner Module

INSTALLATION | CONNECTION | COMMISSIONING | ACCEPTANCE

CONTROLLED WORK SEQUENCE

1

VERIFY

2

ISOLATE

3

CONNECT

4

TEST

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

CONTROLLED PREREQUISITES

Exact identity

Verify 1771-SDN against the nameplate and controlled record.

Approved system

Confirm the documented Bulletin 1771 PLC-5 communication platform system position and interfaces.

Evidence

Use 1771-UM118 / 1771-IN014 for the published technical and installation boundary.

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 1756-OV32E	OPEN
02	Allen Bradley 1762-MM1	OPEN
03	Allen Bradley 2094-AC09-M02-S	OPEN
04	Allen Bradley 1771-A4B	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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1771-SDN

Installation and connection sequence

STEP 1

Confirm the complete 1771-SDN marking and installed DeviceNet-scanner position before work.

STEP 2

Place the connected process in the approved maintenance state.

STEP 3

Isolate every applicable power and field circuit before disconnection.

STEP 4

Record connector, terminal, address, slot and companion-hardware identities.

STEP 5

Use grounded ESD controls and protect keyed interfaces from damage.

STEP 6

Preserve documented polarity, shielding, grounding and cable routing.

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01	Allen Bradley 1756-OV32E	OPEN
02	Allen Bradley 1762-MM1	OPEN
03	Allen Bradley 2094-AC09-M02-S	OPEN
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Commissioning and acceptance

CHECK 1

Restore power in the approved sequence and review diagnostics.

CHECK 2

Prove the intended input, output or communications response and retain the acceptance record.

CHECK 3

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

CHECK 4

Retain the final 1771-SDN identity, wiring, diagnostic and acceptance record.

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 2711P-B15C22D9P	OPEN
02	Allen Bradley 1771-DS	OPEN
03	Allen Bradley 2711P-B10C4A9	OPEN
04	Allen Bradley 2711P-T12C4A8	OPEN
05	Allen Bradley 1752-L24BBBE	OPEN
06	Allen Bradley 1771-NOC-B	OPEN

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Acceptance reference and related products

Identity	Complete model 1771-SDN verified
Installed system	Bulletin 1771 PLC-5 communication platform
Connections	Power, polarity, shielding, address or slot record completed
Controlled test	Diagnostics and intended process response accepted

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 1783-BMS20CL	OPEN
02	Allen Bradley 2711P-T7C22D9P	OPEN
03	Allen Bradley 1756-A10-557042	OPEN
04	Allen Bradley 1783-LMS8	OPEN
05	Allen Bradley 1771-NIS-B	OPEN
06	Allen Bradley 1771-NIS-C	OPEN
07	Allen Bradley 1756-ENBT-A	OPEN
08	Allen Bradley 1756-OA16I	OPEN

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