

APTER POWER

1771-SDN

DeviceNet Scanner Module

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

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Allen-Bradley
FAMILY	Bulletin 1771 PLC-5 communication platform
MODEL	1771-SDN
DOCUMENT	1771-UM118 / 1771-IN014

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 2711-T10C8	OPEN
02	Allen Bradley PN-173122-PN-200959	OPEN
03	Allen Bradley 2711P-K12C4A8	OPEN
04	Allen Bradley 1336-WB035	OPEN
05	Allen Bradley 2711P-RDT12H	OPEN
06	Allen Bradley 1503VC-BMC5-MC1	OPEN

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



1771-SDN

Exact-model technical record

Complete model	1771-SDN	I/O messaging	Polled, strobe, change-of-state and cyclic
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 switch settings
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 assignments
Data rates	125, 250 or 500 kbit/s		

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



1771-SDN

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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



1771-SDN

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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



1771-SDN

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 2711-T10C8	OPEN
02	Allen Bradley PN-173122-PN-200959	OPEN
03	Allen Bradley 2711P-K12C4A8	OPEN
04	Allen Bradley 1336-WB035	OPEN
05	Allen Bradley 2711P-RDT12H	OPEN
06	Allen Bradley 1503VC-BMC5-MC1	OPEN

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com

