

1769-SDN

Allen-Bradley (Rockwell Automation) · CompactLogix / Bulletin 1769

The Allen-Bradley 1769-SDN is a DeviceNet scanner module in the Compact I/O (Bulletin 1769) family. It allows a CompactLogix controller to communicate with and control DeviceNet networked devices. The module supports configurable baud rates and can manage a large number of DeviceNet nodes.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1769-SDN

Base Catalog: 1769-SDN

Series Suffix: None

Product Type: DeviceNet Scanner Module

Product Family: CompactLogix / Bulletin 1769

Model-Specific Specifications:

DeviceNet scanner

125/250/500 Kbps

up to 64 nodes

440mA @ 5V

4.7W

30V isolation

Series / Family Common Specifications:

1769 Compact I/O modules install on a panel (two screws) or DIN rail; lock together via tongue-and-groove and share an integrated bus (movable bus connector).

1769 I/O/specialty modules plug into the controller's right-side expansion bus; controller distributes 5V and 24V DC to 1769 modules.

System powered by a 1769 power supply module on the bus (up to eight I/O modules per side of the supply).

1769 Compact I/O operating temperature 0 to 60 C.

1768 controllers mount on panel or DIN rail; 1768 modules mount on the controller's left-side 1768 backplane; 1768 PSU sends 24V DC.

1768 has built-in RS-232 + add-on modules for EtherNet/IP (1768-ENBT), ControlNet (1768-CNB), DeviceNet.

Lifecycle Status: Discontinued

Discontinuation Date: 2025-12-31

Recommended Replacement: Engineering Replacement (1788-EN2DNR, EtherNet/IP-to-DeviceNet Linking Device, DIN-rail DLR; external linking device, not a slot-for-slot in-chassis scanner)