

1769-ADN/B

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

The Allen-Bradley 1769-ADN is a DeviceNet adapter module that lets a 1769 Compact I/O rack act as a slave node on a DeviceNet network, bridging local I/O to a scanner such as a 1756-DNB or SLC/PLC-5 master. It supports selectable baud rates of 125/250/500 kbps and provides up to 180 input and 180 output words of data for up to 30 connected I/O devices, with multi-status LEDs for module, network, and I/O diagnostics. The module mounts on DIN rail or panel in CompactLogix or MicroLogix 1500 systems and is used in distributed packaging, material handling, and automotive assembly applications.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1769-ADN/B

Base Catalog: 1769-ADN

Series Suffix: B

Product Type: DeviceNet Adapter Module

Product Family: CompactLogix / Bulletin 1769

Model-Specific Specifications:

DeviceNet adapter (slave)

1 DeviceNet port

baud rates 125/250/500 kbps (auto-detect)

up to 30 I/O nodes

data 180 input + 180 output words

backplane current Series A 450 mA / Series B 500 mA @ 5V DC

DeviceNet supply 11-25 mA @ 24V DC

isolation 30 V continuous

heat dissipation 4.7 W max

DIN rail/panel mount

power supply distance 4 (A) / 5 (B) modules

operating temp 0-60 C.

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 onto 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: 2016-12-31

Recommended Replacement: No planned RA replacement