

# 1769-ADN/A

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

The Allen-Bradley 1769-ADN is a CompactLogix DeviceNet adapter that allows a 1769 Compact I/O rack to operate as a DeviceNet slave node on a DeviceNet network with a master or scanner. It supports data rates of 125, 250 and 500 kbps, up to 30 I/O devices and 180 words input / 180 words output data, with a Series A backplane current of 450 mA at 5 V DC. The module mounts on DIN rail or panel with a power supply distance rating of 4 modules (Series A).

**Manufacturer:** Allen-Bradley (Rockwell Automation)

**Brand:** Allen-Bradley

**Part Number/Catalog No.:** 1769-ADN/A

**Base Catalog:** 1769-ADN

**Series Suffix:** A

**Product Type:** DeviceNet Adapter Module

**Product Family:** CompactLogix / Bulletin 1769

**Model-Specific Specifications:**

DeviceNet adapter (slave)

125/250/500 kbps

up to 30 nodes, 180 in/180 out words

450 mA at 5V (Series A)

90 mA at 24V DeviceNet

heat dissipation 4.7 W max

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 (migrate to 1769-AENT etc.)

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