

1734-ADN/B

Allen-Bradley (Rockwell Automation) · POINT I/O / Bulletin 1734

The Allen-Bradley 1734-ADN is a POINT I/O DeviceNet adapter that connects POINT I/O modules to a DeviceNet network. It supports up to 63 POINT I/O modules (504 I/O points) and operates as a DeviceNet slave with a POINTBus master on the local side.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1734-ADN/B

Base Catalog: 1734-ADN

Series Suffix: B

Product Type: DeviceNet Adapter Module

Product Family: POINT I/O / Bulletin 1734

Model-Specific Specifications:

DeviceNet adapter

24V DC (10-28.8V)

up to 63 modules (504 I/O)

125/250/500 kbps AutoBaud

1000 mA POINTBus

-20 to 55 C

Series / Family Common Specifications:

System built from four part types: I/O modules, communication adapter modules, terminal base units, and power distribution modules.

Terminal base (1734-TBX) mounts on DIN rail and provides the backplane; I/O module + removable terminal block (RTB) snap into the terminal base.

POINTBus backplane: adapter converts 24V DC input to 5V DC backplane power; modules draw via backplane.

Granularity: each module provides 1 to 8 points (just-what-you-need), reducing cost and footprint.

Operating temperature typically -20 to +55 C ambient for terminal base assembly and most modules; confirm per model.

Field power: most I/O nominal 24V DC (field voltage class varies by model, AC/DC/relay); adapter converts 24V DC to 5V DC backplane.

Lifecycle Status: End of Life

Discontinuation Date: 2026-12-31

Recommended Replacement: No planned RA replacement

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