

1769-DPS

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

The Allen-Bradley 1769-DPS is a PROFIBUS-DP slave communication module for CompactLogix and MicroLogix 1500 systems. It allows the AB controller to act as a slave node on a PROFIBUS-DP network, exchanging cyclic process and control data with a PROFIBUS DP master. The module is backplane-powered and configured via a rotary address switch and configuration software.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1769-DPS

Base Catalog: 1769-DPS

Series Suffix: None

Product Type: PROFIBUS DP Slave Communication Module (Encompass third-party)

Product Family: CompactLogix / Bulletin 1769

Model-Specific Specifications:

PROFIBUS-DP slave

baud 9.6kbps-12Mbps

station address 1-126 via rotary switch

up to 244 bytes input / 244 bytes output

backplane-powered (5V DC)

dimensions 131x40x86mm

0-60 C

CE/UL (Encompass)

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: N/A (third-party Encompass product)

Discontinuation Date: Not specified (unverified)

Recommended Replacement: Comparable third-party: ProSoft MVI69-PDPS / ILX69-PBS, Hilscher RIF 1769-DPS

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