

1769-CRL1

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

The Allen-Bradley 1769-CRL1 is a 0.3 m (1-foot) right-to-left bus expansion cable for Compact I/O / CompactLogix systems. It extends the 1769 communication backplane from the right end of one I/O bank to the left end of a subsequent bank to increase local I/O capacity; it carries the bus but not power, so each expansion bank requires its own power supply.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1769-CRL1

Base Catalog: 1769-CRL1

Series Suffix: None

Product Type: Bus Expansion Cable

Product Family: CompactLogix / Bulletin 1769

Model-Specific Specifications:

0.3 m (1 ft) right-to-left bus expansion cable

backplane current 1.4A@24V DC

power consumption 33.6W

power dissipation 7.5W

30V continuous isolation

operating 0-60 C

0.28kg

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: Active Mature

Discontinuation Date: N/A (active product)

Recommended Replacement: Not applicable (Active Mature)