

1769-IF4FXOF2F

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

The Allen-Bradley 1769-IF4FXOF2F is a high-resolution, high-speed analog combination module providing 4 fast analog inputs and 2 fast analog outputs. It supports both voltage and current signals for high-dynamic applications such as motion feedback and rapid PID loops. The module integrates with CompactLogix controllers and uses Delta Sigma conversion technology.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1769-IF4FXOF2F

Base Catalog: 1769-IF4FXOF2F

Series Suffix: None

Product Type: Analog Combination I/O Module (High-Speed)

Product Family: CompactLogix / Bulletin 1769

Model-Specific Specifications:

4 fast analog inputs + 2 fast analog outputs

±10V/0-10V/0-5V/1-5V/0-20mA/4-20mA

14-bit input / 13-bit output resolution

Delta Sigma converter

backplane 220mA@5V / 120mA@24V

500V AC isolation

operating 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: Active Mature

Discontinuation Date: N/A (active product)

Recommended Replacement: Replacement Available (Engineering Replacement)