

Allen-Bradley - CompactLogix**1769-L23E-QBFC1B**

CompactLogix Packaged Controller

Technical specifications

User memory	512 KB
Optional nonvolatile memory	None
Expansion I/O modules	Maximum 2, limited by current draw
Replacement battery	1769-BA
Available 5 V DC bus current	450 mA
Current draw at 24 V DC	500 mA
Power dissipation	13.58 W
Embedded digital inputs	16, 24 V DC sink/source, two isolated groups
Embedded digital outputs	16, 24 V DC source
Embedded analog I/O	4 inputs and 2 outputs
High-speed counter	Embedded counter inputs and outputs
Ethernet	RJ45 EtherNet/IP port
Serial port	CH0 RS-232; DF1, DH-485, or ASCII; fully isolated; 38.4 kbps max
Power input	24 V DC nominal; 19.2-31.2 V DC range

Documented role

Allen-Bradley 1769-L23E-QBFC1B is a 512 KB CompactLogix packaged controller with EtherNet/IP, serial communication, embedded digital and analog I/O, and high-speed counter functions.

Documented applications

- Compact machine control with integrated digital, analog, and high-speed I/O
- EtherNet/IP-connected skids requiring a local serial device interface
- Standalone machine control requiring embedded high-speed counter functions

Selection and installation checks

Allen-Bradley 1769-L23E-QBFC1B is discontinued; verify Series A or B, firmware and project compatibility, Ethernet and serial settings, embedded I/O wiring and scaling, high-speed counters, battery, 24 V DC supply, and the two-module expansion power budget.