

# PRODUCT PROFILE

## CompactLogix L23 Programmable Automation Controllers Integrated Architecture for Smaller Applications

### Benefits

- Extends benefits of the Logix Control Platform into smaller applications
- Three packaged controller forms lower costs and simplify configuration
- Integrated EtherNet/IP ports offer cost-effective connectivity
- Pre-configured, embedded I/O simplifies use, reducing development and start-up costs
- High functionality supports advanced Integrated Architecture features including Alarms and Events, drive integration and PhaseManager™
- Use of a common database between FactoryTalk View and PanelView Plus offers easy HMI integration to reduce development and start-up costs



CompactLogix programmable automation controllers (PACs) offer you the benefits of the Logix Control Platform—common programming environment, common networks, and common control engine—in a smaller footprint for machine-level control applications. The new CompactLogix L23 extends these benefits into even smaller applications. The CompactLogix L23 controllers include the Logix control engine, power supply and two of the most common I/O configurations, lowering costs and simplifying configuration.

Each CompactLogix L23 PAC offers 512Kb of memory, up to three tasks, four programs and embedded EtherNet/IP capabilities for ease of use. Up to two local Compact I/O or communication cards can also be added for additional flexibility.

## Specifications

Catalog Number	1769-L23E-QB1B	1769-L23-QBFC1B	1769-L23E-QBFC1B
<b>Embedded Communication Ports</b>	Isolated Serial (DF1 or ASCII) EtherNet/IP with (MSG + I/O)	Isolated Serial (DF1 or ASCII) Non-isolated Serial	Isolated Serial (DF1 or ASCII) EtherNet/IP with (MSG + I/O)
<b>EtherNet/IP Connections</b>	8 TCP/IP – 32 CIP	N/A	8 TCP/IP – 32 CIP
<b>Memory</b>	512 KB	512 KB	512 KB
<b>Embedded I/O (Preconfigured in RSLogix5000)</b>	16 DC in, 16 DC out	16 DC in, 16 DC out, 4 analog in, 2 analog out 4 High-Speed Counter (250KHz)	16 DC in, 16 DC out, 4 analog in, 2 analog out 4 High-Speed Counters (250KHz)
<b>Expansion</b>	2 Additional 1769 I/O modules or 1769 Communication modules	2 Additional 1769 I/O Modules or 1 1769 Communication Module	2 Additional 1769 I/O Modules or 1 1769 Communication Module
<b>Tasks</b>	3 – Continuous, Periodic or Event	3 – Continuous, Periodic or Event	3 – Continuous, Periodic or Event
<b>Programs</b>	4	4	4
<b>Routines</b>	Unlimited	Unlimited	Unlimited
<b>Languages</b>	All (LD, FBD, ST and SFC)	All (LD, FBD, ST and SFC)	All (LD, FBD, ST and SFC)
<b>Alarms &amp; Events</b>	Supported	Supported	Supported
<b>PhaseManager</b>	Supported	Supported	Supported
<b>Add-on Instructions</b>	Supported	Supported	Supported
<b>Dimensions (H x W x D) - mm.</b>	130 x 223 x 90	130 x 293 x 90	130 x 293 x 90
<b>Power Requirements</b>	19.2 - 31.2 VDC - 50VA	19.2 - 31.2 VDC - 50VA	19.2 - 31.2 VDC - 50VA

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