Allen-Bradley

CompactLogix5320

The Power of Logix in a Small Modular Platform

Product Profile

CompactLogix™ is a powerful Logix-based control system that is more compact than others of its kind. Bringing together a Logix controller with Compact I/O, CompactLogix5320 is perfect for tackling smaller, machine-level control applications with unprecedented power and scalability.

If you thought Logix was only appropriate for large systems, think again. CompactLogix5320 is optimized for stand-alone duty. It is specifically designed to work with up to 128 local I/O points. That's more than enough for even the most ambitious machine-level control applications, but not so big that it squanders panel space.

Utilize the Popular Compact I/O

CompactLogix takes full advantage of the power and flexibility of Compact I/O. These rackless I/O modules offer superior functionality and high value at a competitive price. Up to eight Compact I/O modules can be connected to the CompactLogix5320 controller, maximizing flexibility and I/O count. Their modular design and front insertion/removal makes customizing a control system easier than ever before. With both analog and digital modules available, the CompactLogix system can be easily integrated into systems with a variety of components. And their rackless, compact design eliminates unnecessary design elements and reduces panel space.

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Take Control with Logix

A scalable platform ideal for virtually all applications, Logix is a whole new approach to designing control systems. Logix controllers of all kinds use the same powerful programming software – RSLogix 5000. That means that if you are currently running another Logix controller in your plant – perhaps SoftLogix or ControlLogix – you can easily duplicate and scale your existing programming to function on your CompactLogix system. And Logix is easy to program, because RSLogix 5000 supports multiple programming language editors. Depending on the application requirements, you can design your system using either ladder logic or function block diagrams.

Stay Connected

Logix also facilitates communication across your plant floor and throughout your enterprise thanks to its support of the Allen-Bradley NetLinx Open Architecture. For machine-level control, CompactLogix5320 can communicate to other SLC controllers, and even PanelView operator interface terminals, on DH-485 via the Allen-Bradley AIC+ networking device.

CompactLogix can likewise connect easily to DeviceNet via the Allen-Bradley DeviceNet Interface (DNI), and will soon be able to pass information from the shop floor to the top floor through the Allen-Bradley EtherNet Interface (ENI), coming in spring 2001. SCADA applications are even possible thanks to the CompactLogix DF-1 full-duplex master/slave capability.

That's a lot of power in a small package. The power of Logix. The space efficiencies of Compact I/O. CompactLogix. A cost-effective, yet powerful, small modular Logix solution.

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