

## SKDA-01 Starter Kit

### Features:

Complete PLC-in-a-box  
2 Expansion slots free  
20 I/O System  
Built-in RS-232 Communications  
12 or 24 Vdc Operation

The SKDA-01-02 Starter Kit provides an entry-level complete PLC in a single package.

The kit comprises:

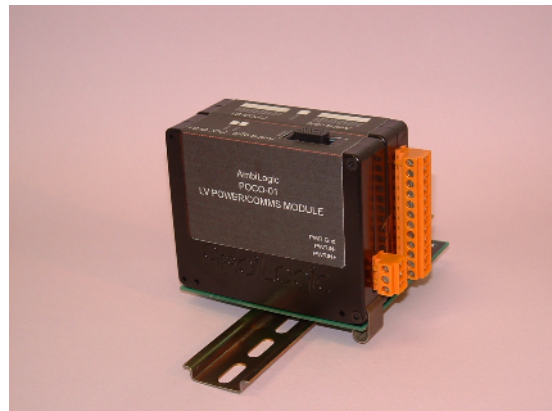
- ◆ BP-02 Backplane with Power/Comms, Processor and two expansion slots
- ◆ POCO-01 Power/Comms Module with RS-232 interface
- ◆ CPDA-01 Processor Module with 20 I/O: 8 digital inputs, 2 analogue inputs, 8 digital outputs, 2 analogue outputs and 3 medium-speed (1 kHz) counters.
- ◆ AmbiLogic\_PLC software and technical data on CD.

The kit cost is less than the sum of the components, so it is a convenient and economical way of ordering a basic PLC.

The kit is ready to run, needing only a simple DC power supply in the 11 to 36 V range, 3W in order to provide a complete controller solution.

Please refer to the component data sheets for full specifications.

For the larger systems builder there is the SKDA-01-04 which is identical apart from incorporating a BP-04 backplane with 4 expansion slots.



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### **WARNING SAFETY-CRITICAL SYSTEMS**

A Safety-Critical system is a system whose failure or malfunction could cause death, significant injury or loss of property.

AmbiLogic products contain electronic and software content, both of which carry a remote but real possibility of failure. AMBILOGIC DOES NOT WARRANT OR REPRESENT THAT ITS PRODUCTS ARE INFALLIBLE.

It is the therefore responsibility of the designer of any safety-critical system which incorporates AmbiLogic products to ensure that:-

1. The system is designed so that any failure of an AmbiLogic component will not cause death, injury or loss of property.
2. The system incorporates independent monitoring means which detect the failure of any of the electronic control elements.
3. The system has alternative and independent means of control which enable it to be controlled and shut down in an orderly manner.
4. Any other industry-specific safety requirements are fully implemented.