

New Single Axis Motion & Logic Controller with Integrated Servo Drive

The SMLC-SA combines ORMEC's high-performance drive technology with IEC 61131-3 programming capabilities in a single, compact, cost-effective package. The SMLC-SA provides a fully integrated machine control solution for your single axis servo applications.

Reduce your total system cost by replacing a standalone PLC and single axis motion controller/drive with the SMLC-SA. The single box solution reduces wiring complexity, panel space requirements and programming effort.

The SMLC-SA uses the same development and commissioning tools as the entire SMLC product line. These tools provide seamless scalability from one to sixteen axes. The CoDeSys Integrated Development Environment (IDE) and runtime engine are robust, full-featured tools with extensive diagnostic capabilities. ServoWire Pro is an easy to use, integrated suite of configuration, tuning, diagnostic and maintenance utilities to assist in the commissioning of the drive. PLCopen standard motion control function blocks plus powerful ORMEC extensions reduce your software development costs and bring new levels of motion performance and machine control to single-axis applications.



KEY FEATURES:

- Eliminates the need for a PLC
- Broad power range, 600 to 24,000 watts (30+ horsepower)
- Broad input voltage range, 115 to 480 VAC
- Program logic and motion using all five IEC 61131-3 languages
- Application-specific function blocks are available to provide out of the box solutions
- Industrial, all metal enclosure.
- Removable program storage (compact Flash)
- Built-in I/O: 27 digital and 4 analog
- Expand to thousands of I/O points using Wago 750 Series Ethernet I/O
- Two Ethernet and two serial ports included.

