

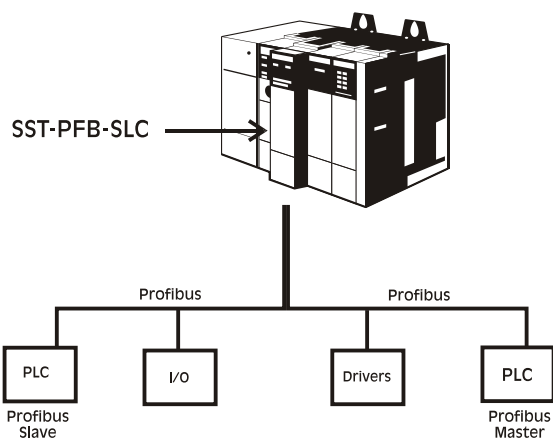
# **PROFIBUS SCANNER FOR ALLEN-BRADLEY SLC 5/03 OR HIGHER**

## **Overview**

The SST Profibus SLC 500 scanner connects your Allen-Bradley SLC 5/03 or higher processor to Profibus DP Master, DP Slave and FDL.

## **Features**

- Supports all standard Profibus baud rates (up to 12 Mbaud)
- Simultaneous operation of Profibus DP Master, DP Slave, and FDL protocols
- Extremely fast scan rate for a DP Master, 6000 I/O in 1 ms!
- Fast, easy set up into SLC backplane, Profibus I/O data is automatically mapped into the SLC processor's I, O, M0, and MI files
- Flash memory for storage of your DP Master I/O configuration
- Supports exported configuration files from SST DP Configuration Software and Siemens COM Profibus



### **Available for the SST-PFB-SLC**

- Profibus DP Master Configuration Software
- Global Technical Support, 24 hours/7 days



**PLC Network Modules**

[www.mySST.com](http://www.mySST.com)

Distribución: **ER-SOFT, S.A.** Email: [er@er-soft.com](mailto:er@er-soft.com), Tel: +34 916 408 408

## Hardware Specifications

- Maximum number of slaves: 96
- Maximum I/O per slave: 244 bytes in / out
- Maximum I/O
  - I and O files: 32 words in, 32 words out
  - M1 and M0 files: 1000 words in / out (128 words in/out if configuring with COM Profibus)
- Slave data is mapped into I, O, M0 and M1 files in the SLC. Mapping depends on addresses assigned in the configuration you create.
- Supports exported configuration files from SST DP Configuration Software and Siemens COM Profibus
- Supports Profibus baud rates up to 12 Mbaud
- Storage temperatures: -25 to 70C (-13 to 158°F)
- Operating temperature: 0 to 50C (32 to 122°F)
- Power requirements: 700 mA @ 5 V
- Intel i960 processor with 512 Kbytes of local RAM
- 288 Kbytes of onboard shared memory
- 512 Kbytes flash memory for storage of configuration data and module firmware
- Module firmware is field upgradeable using the serial port
- Siemens ASPC2 LAN controller for Profibus functions
- Standard Profibus 9-pin D-connector to Profibus bus terminal
- 9-pin serial port for upload of I/O configurations
- COMM and SYS status LEDs for notification of I/O or network errors
- Scanner maintains slave status, diagnostic status information on all slaves, network diagnostic counters and DP master diagnostic counters
- SLC's processor logic scan and Profibus I/O scan are independent. SLC processor reads the scanner input data during its input scan and writes output data during its output scan. The scanner reads input data from slaves and writes output data to the slaves independent of what the SLC is doing
- The scanner does not require set up of a G-file in the SLC

## Other Reference Materials

### Web Site:

- [www.mysst.com/bcm/pfbslc.htm](http://www.mysst.com/bcm/pfbslc.htm)

### Data Sheets:

- 6000 I/O in 1ms
- Profibus Configuration and Diagnostic Tools

## Related Allen-Bradley SLC Products

- PLC Network Modules for AS-Interface and Interbus

## Related Profibus Products

- Network Interface Cards connect various computer bus formats to industrial networks
- Embedded Network Solutions provide OEMs and device manufacturers with connectivity to industrial networks
- Network Diagnostic and Configuration Software
- I/O Simulation Software provides control system testing and operator training
- Network Gateways provide connectivity between two dissimilar networks; over 45 industrial network protocols currently supported
- PLC Network Modules connect programmable controllers to industrial networks and I/O devices
- Data Servers include OPC and DDE Servers

## Certifications

- Profibus DP Master Conformance Tested

## Affiliations

- SST is an active member of Profibus International

## Ordering Information

- Order part number SST-PFB-SLC

[www.mysst.com](http://www.mysst.com)

## Also available from SST:

**Gateways  
PLC Modules  
Data Servers  
Interface Cards  
Embedded Solutions  
I/O Simulation Software  
Diagnostic and Configuration Software**

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