

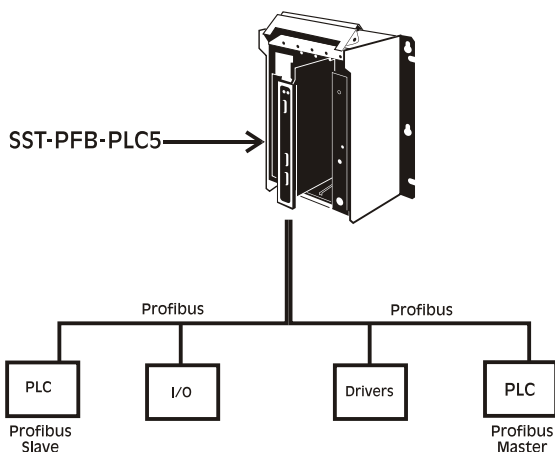
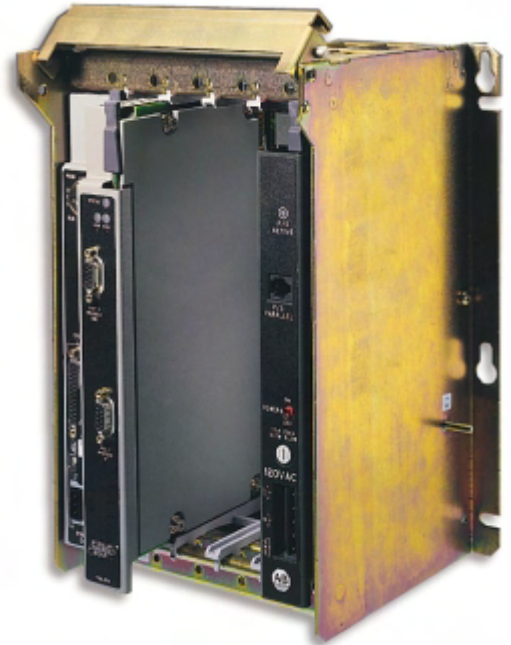
PROFIBUS SCANNER FOR ALLEN-BRADLEY'S PLC-5 FAMILY

Overview

The SST Profibus PLC-5 scanner connects an Allen-Bradley PLC-5 processor to Profibus DP Master, and DP Slave.

Features

- Supports all standard Profibus baud rates (up to 12 Mbaud)
- Simultaneous operation of Profibus DP Master, and DP Slave protocols
- Extremely fast scan rate for a DP Master, 6000 I/O in 1 ms!
- Fast, easy set up into PLC-5 backplane, Profibus I/O data is automatically transferred into the PLC-5 processor's integer (N) files of choice
- Flash memory for storage of all configuration information (DP Master, DP Slave)
- Supports exported configuration files from SST DP Configuration Software



Available for the SST-PFB-PLC5

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



PLC Network Modules

www.mySST.com

Distribución: ER-SOFT, S.A. Email: er@er-soft.com, Tel: +34 916 408 408

Hardware Specifications

- Maximum number of slaves: 125
- Maximum I/O per slave: 244 bytes in/out
- SST-PFB-PLC5 I/O mapping into PLC-5:
 - choose integer file (N) in PLC-5 for all card inputs
 - choose the same or a different integer file (N) for all card outputs
 - maximum 1000 words in, 1000 words out
- Mapping depends on the addresses assigned in the configuration you create
- Supports exported configuration files from SST DP Configuration Software
- The Profibus scanner functions with the PLC-5 as a co-processor. The card fastens onto the side of any PLC-5 processor that supports a side car
- 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
- 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
- PLC-5 processor logic scan and the Profibus I/O scan are independent of each other. The PLC-5 processor reads the scanner input data during its input scan and writes the output data during its output scan. The scanner continues reading input data from the slaves and writing output data to the slaves independent of what the PLC-5 is doing

Other Reference Materials

Web Site:

- www.mySST.com/bcm/pfbplc5.htm

Data Sheets:

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

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 systems 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

Affiliations

- SST is an active member of Profibus International
- Referenced in Rockwell Automation's Encompass program

Ordering Information

- Order part number SST-PFB-PLC5

www.mySST.com

Also available from SST:

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

EPFBPLC5

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