



- Supports all Profibus baud rates up to 12 Mbaud
- Simultaneous operation of Profibus DP Master, DP Slave, and FDL Protocols
- Scan rate 6000 I/O per ms for DP Master
- DP Master Configuration Software included



The SST™ Profibus Network Interface Module for SLC 500 connects your Allen-Bradley SLC 5/03 or higher processor to a Profibus DP Master, DP Slave and FDL. This scanner module supports all standard baud rates, up to 12 MBaud, providing extremely fast scan rates for a DP master.

Specifications

SYSTEM

- FAST, EASY SET UP INTO SLC BACKPLANE, PROFIBUS I/O DATA IS AUTOMATICALLY MAPPED INTO THE SLC PROCESSOR'S I, O, M0, AND M1 FILES
- FLASH MEMORY FOR STORAGE OF YOUR DP MASTER I/O CONFIGURATION
- MAXIMUM NUMBER OF SLAVES: 96
- MAXIMUM I/O PER SLAVE: 244 BYTES IN/OUT
MAXIMUM I/O: I AND O FILES; 32 WORDS IN/OUT, M1 AND M0 FILE; 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
- 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
- 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
- INTEL I960 PROCESSOR WITH 512 KBYTES OF LOCAL RAM
- 288 KBYTES OF ON BOARD SHARED MEMORY
- 512 KBYTES FLASH MEMORY FOR STORAGE OF CONFIGURATION DATA AND MODULE FIRMWARE
- 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
- -13° TO 158°F (-25° TO 70°C)
- 32° TO 122°F(0° TO 50°C)
- 700 mA @ 5 V

PROCESSING SPEED MEMORY

DIAGNOSTICS

STORAGE TEMPERATURE OPERATING TEMPERATURE POWER REQUIREMENTS

PART NUMBER	DESCRIPTION
SST-PFB-SLC	PROFIBUS NETWORK INTERFACE MODULE FOR SLC 500