



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



The SST™ Profibus Network Interface Module for PLC-5 connects your Allen-Bradley PLC-5 processor to a Profibus DP Master and DP Slave. This network interface 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 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)
- 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 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
- 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
- THE 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.
- INTEL I960 PROCESSOR WITH 512 KBYTES OF LOCAL RAM
- 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-PLC5	PROFIBUS NETWORK INTERFACE MODULE FOR PLC-5