

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

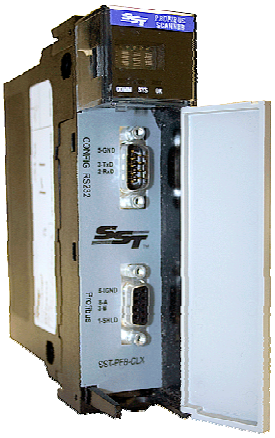
Visit our website - *Click HERE*

The BradCommunications™ SST Profibus communication module connects your Rockwell ControlLogix® controller to PROFIBUS DP network.

PROFIBUS® DP Master/Slave

For the Rockwell ControlLogix® Controller





Features

- Enhanced design!
  - 100% backward compatible with previous generation (SST-PFB-CLX)
  - Up to 2 times faster
  - Easier to change module's configuration with PLC in RUN mode
  - Runs without ladder code
  - Module can "Set Slave" address
  - Dynamically add/remove Profibus slaves from scan list
- Remote Configuration and diagnostic through RSLinx®
- Profibus modules can be used in Local or Remote (through CIP networks) Racks
- Certified PROFIBUS CommDTM driver for FDT Frame engineering tools
- Provides user-defined data space up to 1984 Bytes Input and 1968 Bytes Output
- Supports all PROFIBUS baud rates including 45.45 kbps
- Manages DP-V1 Services
- Simultaneous operation of PROFIBUS DP Master and Slave
- Multiple SST-PB3-CLX-RLL modules can be used in one CLX rack

Protocols

- PROFIBUS DP Master V0-Class 1&2
- PROFIBUS DP Master V1-Class 1&2
- PROFIBUS DP Slave V0

Typical Applications

- Chemical or pharmaceutical application running PROFIBUS PA
- Machine builder application with high-speed control requirements

Overview

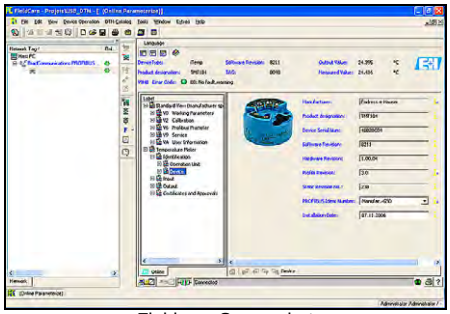
The BradCommunications™ SST™ Profibus® module connects your Rockwell ControlLogix® controller to Profibus as a master or slave to scan or emulate PROFIBUS DP I/O. With the new user-defined data space of 1984 Bytes Input and 1968 Bytes Output, the BradCommunications™ SST™ Profibus module provides a cost efficient solution to connect the ControlLogix CPU with large PROFIBUS networks.

Remote Link Library

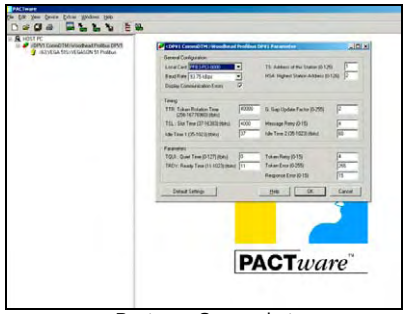
The Remote Link Library software provides added functionality to the BradCommunications SST Profibus module by allowing you to remotely monitor or download changes to your Profibus configuration. This is done by routing data from the BradCommunications SST Profibus DP Master Configuration software through Rockwell Automation®'s RSLinx software via Ethernet to the Allen-Bradley ControlLogix backplane. The Profibus Scanner can be used on a Local Rack or on a Remote Rack through CIP networks like EtherNet/IP or ControlNet

CommDTM Driver for FDT Tools

By purchasing SST-PB3-CLX-DTM part number, you will get the driver license to use the certified CommDTM driver conforms to FDT v1.2 specifications. It is the ideal solution for connecting FDT engineering tools such as PACT*ware*™ or FieldCare™ to PROFIBUS. It allows the linking with Device DTMs for the configuration and diagnostics with DP-V1 devices including Profibus PA field instruments.



- Fieldcare Screenshot -



- Pactware Screenshot -

Woodhead

BradCommunications™

>>> Distribucion: ER-Soft, S.A. www.er-soft.com info@er-soft.com Tel | +34 916 408 408 <<<
Artículo Tecnología Group Quality instrumentation... Contacto | 888 888 SOMOS | www.articulo.com

PROFIBUS® DP Scanner

PLC Network Interface

Diagnostic & Software Tools

Configuration Software

- Supports downloading and uploading configuration files through Serial or Ethernet port
- Browse your DP network for slave devices you want to include in your DP Master configuration using the DPView component

Scanner Software

- Maintains slave status, diagnostic status information on all slaves, network diagnostic counters, and DP Master diagnostic counters
- Maintains network and I/O module status information including:
  - Active Slave Station Bit table
  - Configured Slave Station Bit table
  - Network diagnostic counters
  - DP Master diagnostic counters

Diagnostic

- Built-in 4 character display
- COMM, SYS and OK LEDs provide immediate notification of network and system errors

Other PROFIBUS® Products

- PROFIBUS modules for Allen-Bradley® SLC™ 500
- PROFIBUS USB Adapter supporting CommDTM / FDT Version 1.2
- PROFIBUS network interface cards (PCIe, PCI, C-PCI, PC/104, ISA, VME) inclusive DLL, OPC, ActiveX...
- Full metal PROFIBUS connector
  - IDC-technique provides quick and error-free connection
  - Optional diagnostic LED reduces downtime

Network Specifications

Protocol	• Profibus DP Master V0 / V1, class 1&2 • Profibus DP Slave V0
LAN Controller	• Siemens ASPC2
Slaves Supported	• Maximum of 125
I/O per Slave	• Maximum of 244 bytes in/out
I/O Mapping (for ControlLogix)	• Maximum 1984 bytes input data • Maximum 1968 bytes output data • 250 words status
Data Rate	• All Profibus data rates up to 12 Mbps
Cable	• Belden 3079A • Brad Harrison® 85-0001 PVR2 conductor with shield, UL-listed
Connector	• DB9 female connector

Hardware Specifications

Bus Interface	Allen-Bradley® ControlLogix® 5000
Processor	Freescale MCF5272
Memory	• 8MB of local MCF5272 RAM • 512 KB of onboard shared memory • 512 KB of sectored flash memory for storage of program and configuration data
Diagnostics	Built-in 4 character display 3 LEDs indicate: 1. Health of the Profibus network (COMM) 2. Communication status with Profibus slaves (SYS) 3. that initialization is complete and the module is ok (OK)
Backplane Current Consumption	850 mA @ 5V or 1.75 mA @ 24V
Operating Temperature	0ºC (32ºF) up to +60ºC (140ºF)
Storage Temperature	-40ºC (-40F) up to +85ºC (185F)

Ordering Information

SAP	Part Number	Description
1120160018	**SST-PB3-CLX-RLL**	BradCommunications™ SST™ PROFIBUS Scanner for Allen-Bradley ControlLogix, includes Remote Link Library
1120160019	**SST-PB3-CLX-DTM**	BradCommunications™ SST™ PROFIBUS Scanner for Allen-Bradley ControlLogix, includes Remote Link Library and CommDTM driver license
1120160020	**SST-PB3-CLX-DTS**	BradCommunications™ SST™ CommDTM update driver license for PROFIBUS Scanner

Brad® from molex

To contact us: www.woodhead.com Reference Number: DW200588 Date Published: October 2008

North America: US: + 1 800 225 7724 – Canada: +1 519 725 5136
Europe: France: +33 2 32 96 04 20 – Germany: +49 7252 94 96 0– Italy: +39 010 59 30 77 – United: Kingdom +44 1495 356300
Asia: Shanghai, China: +86 21-5835-9885 - Tianjin, China: +86 22-23321717
Singapore: +65 6268-6868 – Yamato, Japan: +81 46-265-2428 – Nagoya, Japan: +81 52-221-5950

>>> Distribucion: ER-Soft, S.A. www.er-soft.com info@er-soft.com Tel: +34 916-408-408 <<<
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP