SST™-PB3S-CPX Slave Modules for PROFIBUS*

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SST™-PB3S-CPX Modules connect Rockwell Automation CompactLogix L2, L3 and L4 controllers as a Slave to PROFIBUS* DP-V0 networks, enabling high-performance, low-cost solutions for industrial automation applications



SST™-PB3S-CPX
PROFIBUS* Slave Module

Features and Benefits

10/100 Mb Ethernet port	Enables fast downloads, remote connections/ monitoring. Provides backplane or front-module configuration options. Accommodates low-cost cable
Up to 244 input bytes and 244 output bytes per Slave	Delivers high data throughput as Slave device
Software configured as Slave	Requires no ladder logic
Simple PROFIBUS Slave capability	Provides a low-cost module
MicroSD card slot (8 GB MicroSD card included)	Facilitates easy module swap-out
MTBF of 181 years	Presents reliable, trouble-free usage

Applications

- Marine
- Packaging
- Agro-Food
- Mining
- Automotive





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Specifications

Description
LINK, SPEED, SD, OK, STATE, FAULT LEDs provide 29 visual fault/state indications
Changes to PROFIBUS* configuration with PLC in RUN mode
Autoscan network supported
Support multiple modules in rack
Supports CompactLogix† L2 and L3 processor, rev. 15 and higher, L4 rev. 20 and higher
Slave, 244 input bytes, 244 output bytes, 244-word total
One 10/100 Mb/s Ethernet port, RJ-45, configuration and diagnostics
Firmware upgradeable
OS supported: Windows XP, 7 (32, 64-bit); Vista, 8 (32, 64-bit)
Operating Temperatures: 0 to 60°C
Storage Temperatures: -40 to 85°C
Relative Humidity: 5 to 95%, non-condensing
Slave DP-V0
One PROFIBUS port, DB9 female, Galvanic isolation 1000V
PROFIBUS speed: 9.6 Kbps up to 12 Mbps
MTBF: 181 years at 25°C
Auto-Run
Maximum Distance Rating: 4 slots
Status data: 250 words

Included Hardware/Software
One, SST-PB3S-CPX PROFIBUS Slave Module
One, 8 GB MicroSD card
One, Product CD (engineering tools, configuration console)

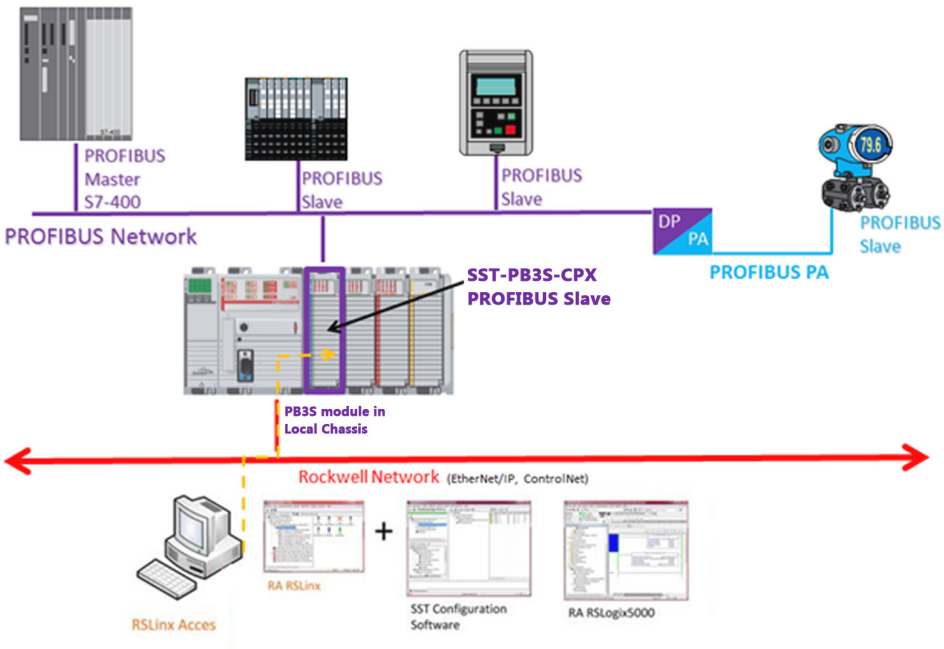
Compatible Protocols
Slave DP-V0

Conformance
RoHS compliant
CE Certified
Ex (ATEX)
FCC
Korea CC
UL Class I Div 2 Groups A, B, C, D
PI Certified

Ordering Information

Order No.	Product Name	Module
112016-0029	SST-PB3S-CPX	SST™ PROFIBUS* Slave Communication Module for Rockwell CompactLogix, includes Remote Link Library

PROFIBUS* Slave Module, SST-PB3S-CPX, Networking Capabilities Diagram



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†CompactLogix is a registered trademark of Rockwell Automation, Inc.

www.molex.com/link/sstcommunicationmodules.html

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