

SST™-PB3M-CPX Master Modules for PROFIBUS*



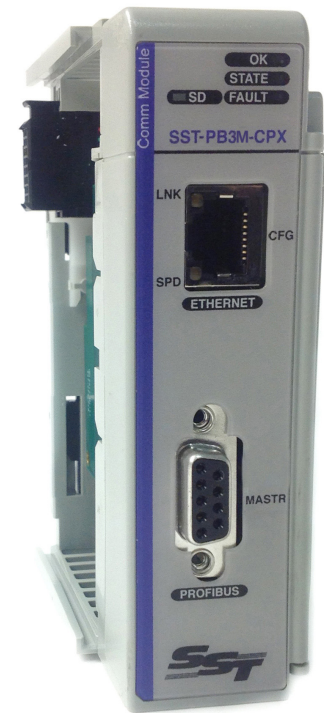
SST™-PB3M-CPX Master Modules connect Rockwell Automation CompactLogix L2, L3 and L4 controllers to PROFIBUS* DP-V0, DP-V1 networks, enabling high-performance, low-cost solutions for industrial automation applications

Features and Benefits

Software configured as PROFIBUS* Master	Delivers a flexible design. Easy to configure. No ladder logic required
10/100 Mb Ethernet port	Enables fast downloads, remote connections/monitoring. Provides backplane or front-module configuration options. Accommodates low-cost cable
Up to 1,984 input bytes and 1,968 output bytes per Master	Suitable for large PROFIBUS networks
PROFIBUS Master 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
- Harsh automotive



SST™-PB3M-CPX PROFIBUS* Master Module



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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
 Master, 1,984 Input Bytes, 1,968 Output Bytes
 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
 Acyclic communications (DPV1), Read and Write
 One PROFIBUS port, DB9 female,
 Galvanic isolation 1000V
 PROFIBUS speed: 9.6 Kbps up to 12 Mbps
 MTBF: 181 years at 25°C
 Maximum 125 Slaves supported
 Maximum Distance Rating: 4 slots
 Status data: 250 words

Included Hardware/Software

One, SST™-PB3M-CPX PROFIBUS Master Module
 One, 8 GB MicroSD card
 One, Product CD (engineering tools, configuration console)

Compatible Protocols

Master DP-V0 Class-1 and Class-2
 Master DP-V1 Class-1 and Class-2

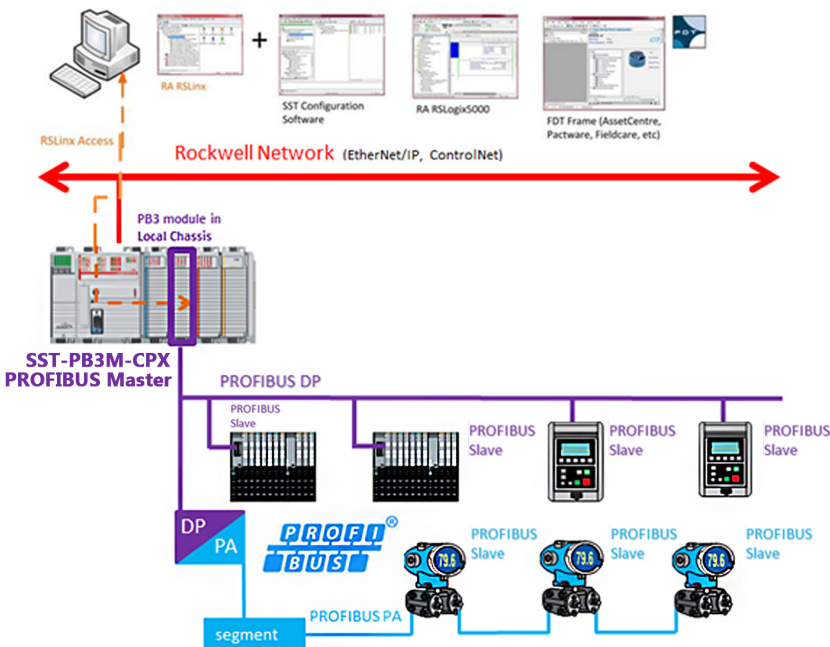
Conformance

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
112016-0030	SST-PB3M-CPX	SST™ PROFIBUS* Master Communication Module for Rockwell Automation CompactLogix, includes Remote Link Library

PROFIBUS* Master Module, SST-PB3M-CPX, Networking Capabilities Diagram



*PROFIBUS is a trademark of PROFIBUS International
[†]CompactLogix is a registered trademark of Rockwell Automation, Inc.

www.molex.com/link/sstcommunicationmodules.html