

# 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



SST™-PB3M-CPX PROFIBUS\* Master Module

## Applications

- Marine
- Packaging
- Agro-Food
- Mining
- Harsh automotive



# SST™-PB3M-CPX Master Modules for PROFIBUS\*



## 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<sup>†</sup> 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

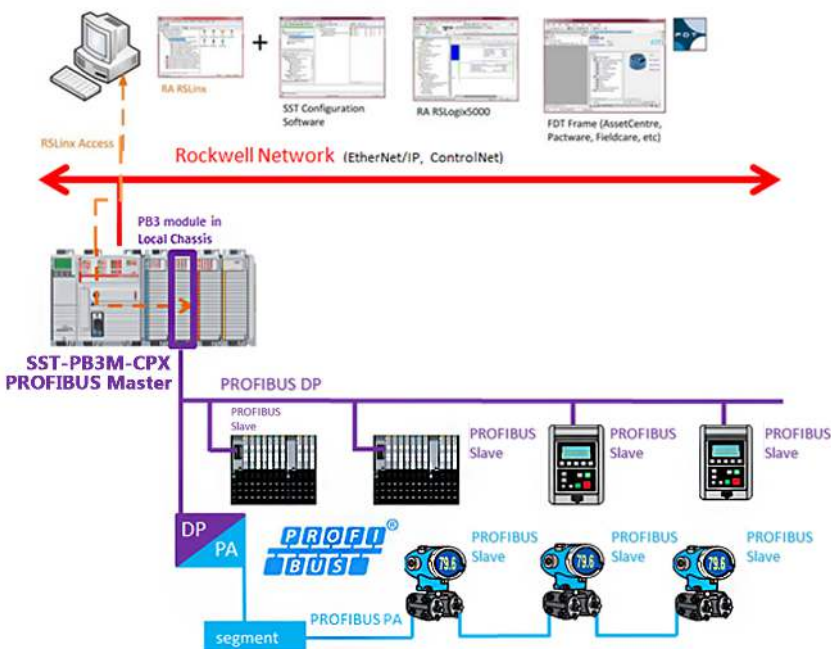
### Conformance

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
<a href="#">112016-0030</a>	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  
<sup>†</sup>CompactLogix is a registered trademark of Rockwell Automation, Inc.

[www.molex.com/link/sstcommunicationmodules.html](http://www.molex.com/link/sstcommunicationmodules.html)