



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SST™-PB3M-CPX Master Modules for PROFIBUS*

molex®

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

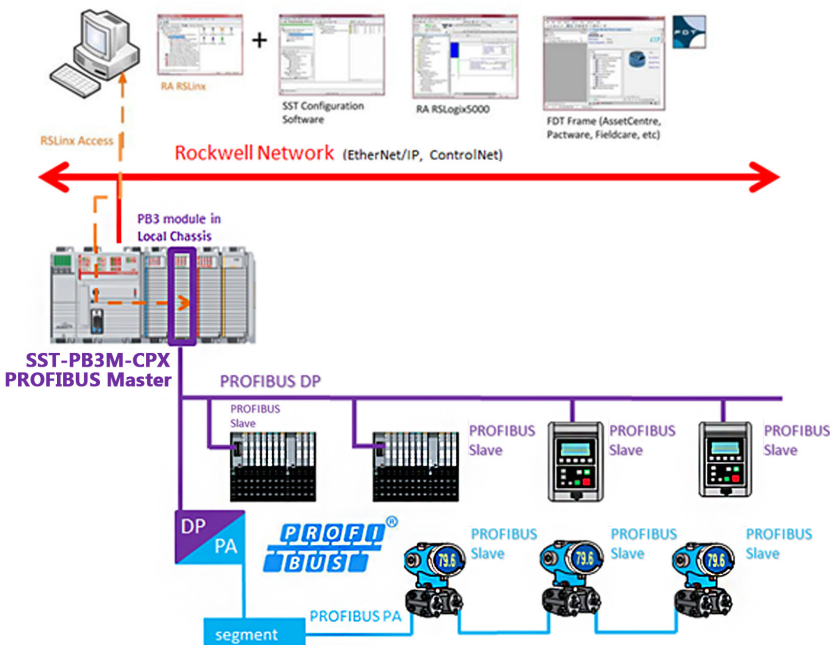
Conformance

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