**SST™-PB3-CPX Master/Slave Modules for PROFIBUS**

**SST™-PB3-CPX Master/Slave 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**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Can be configured as PROFIBUS* Master, Slave or Master/Slave</td>
<td>Delivers an extremely flexible design. Reduces inventory and spares. Easy to spec in.</td>
</tr>
<tr>
<td>10/100 Mb Ethernet port</td>
<td>Enables fast downloads, remote connections/monitoring. Provides backplane or front-module configuration options. Accomodates low-cost cable</td>
</tr>
<tr>
<td>Up to 1,984 input bytes and 1,968 output bytes per Master</td>
<td>Suitable for large PROFIBUS networks</td>
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<tr>
<td>PROFIBUS port has 1,000-volt electrical isolation</td>
<td>Ensures robust and reliable network with high immunity to electrical noise</td>
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<tr>
<td>MicroSD card slot (8 GB MicroSD card included)</td>
<td>Facilitates easy module swap-out</td>
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<tr>
<td>MTBF of 181 years</td>
<td>Provides reliable, trouble-free usage</td>
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</table>

**Applications**

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

[SST™-PB3-CPX Master/Slave Module]

[PROFIBUS Logo]

[Encompass Product Partner]

[PI Certified]
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
- Slave, 244 Input Bytes, 244 Output Bytes
- One 10/100 Mbps Ethernet port, RJ-45, configuration and diagnostics
- Firmware upgradeable

**Included Hardware/Software**
- One, SST™-PB3-CPX Universal PROFIBUS 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
- Slave DP-V0

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

**Ordering Information**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Product Name</th>
<th>Module Description</th>
</tr>
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<tbody>
<tr>
<td>112016-0028</td>
<td>SST-PB3-CPX</td>
<td>SST™ PROFIBUS* Master and Slave Communication Module for Rockwell Automation CompactLogix†, includes Remote Link Library</td>
</tr>
</tbody>
</table>

**Universal PROFIBUS* Module, SST-PB3-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