Maximise network flexibility with SST™ Communication Modules for rapid connection of Rockwell ControlLogix systems to PROFIBUS networks

Features and Benefits

Connects Rockwell ControlLogix to a PROFIBUS network

Fully integrated into the Rockwell Automation environment
  - Remote configuration and monitoring via Rockwell RSLogix™
  - Add-On-Profile for Rockwell RSLogix5000

Direct IO Mapping, no Ladder Logic to write for configuration and data transfer between module and CLX processor

Conformal coated version:
  - Protects electronic boards from moisture and contaminants

CLXT modules feature wider temperature ranges and conformal coated, harsh-duty components for use with Rockwell XT PLCs

Specifications

DESCRIPTION
High-speed deterministic communication
Easy diagnostics:
  - Built-in LEDs and 4 characters display
Manage DP Master and Slave modes simultaneously
Allows changes to PROFIBUS configuration with PLC in RUN mode
Dynamically add/remove PROFIBUS slaves from the scan list
CommDTM driver for FDT Frame engineering software (PACTware™, FieldCare™, FieldMate™, etc)
Auto-Boot
  (Configuration stored in Flash)
Engineering Tools:
  - Configuration console
  - Test and diagnostic tools

INCLUDED HARDWARE/SOFTWARE
Add-On-Profile for increased functionality and reduced commissioning time
Support multiple modules in a chassis; support Local and Remote chassis
One PROFIBUS port, DB9 female, Galvanic insulation 1000V
Speed: 9.6 Kbps up to 12 Mbps
LEDs for system, communication, and network status
Up to 1984 Input Bytes and 1968 Output Bytes
One Serial port for configuration and diagnostic
Firmware upgradeable

CONFORMANCE
RoHS compliant
CE
UL
cUL
Class 1 Div 2
FDT Certified
Marine (RINA)

Applications

Automotive assembly lines
Material handling
Water and wastewater
Agro food industry
Oil and Gas
Pharmaceutical
Machine builders
Marine
Mining

INCLUDED HARDWARE/SOFTWARE

CONFORMANCE
Typical System Architecture

Ordering Information

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<tr>
<th>Order No.</th>
<th>Engineering No.</th>
<th>Communication Protocol</th>
<th>PLC Supported</th>
<th>Product Attributes</th>
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<td>112016-0018</td>
<td>SST-PB3-CLX-RLL</td>
<td>PROFIBUS Master/Slave</td>
<td>Rockwell ControlLogix</td>
<td>Remote Link Library (RLL) feature</td>
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<td>112016-0023</td>
<td>SST-PB3-CLX-RLL-CC</td>
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