molex®

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 RSLinx™
- 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

Communication Module
112016-0018 (SST-PB3-CLX-RLL)

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

COMPATIBLE PROTOCOLS
Master DP-V0 Class-1 and Class-2
Master DP-V1 Class-1 and Class-2
Slave DP-V0

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)

CLXT Communication Module
112016-0024 (SST-PB3-CLXT-RLL)

CLXT MODULE:
Same specifications as SST-PB3-CLX-RLL plus:
Conformal coating
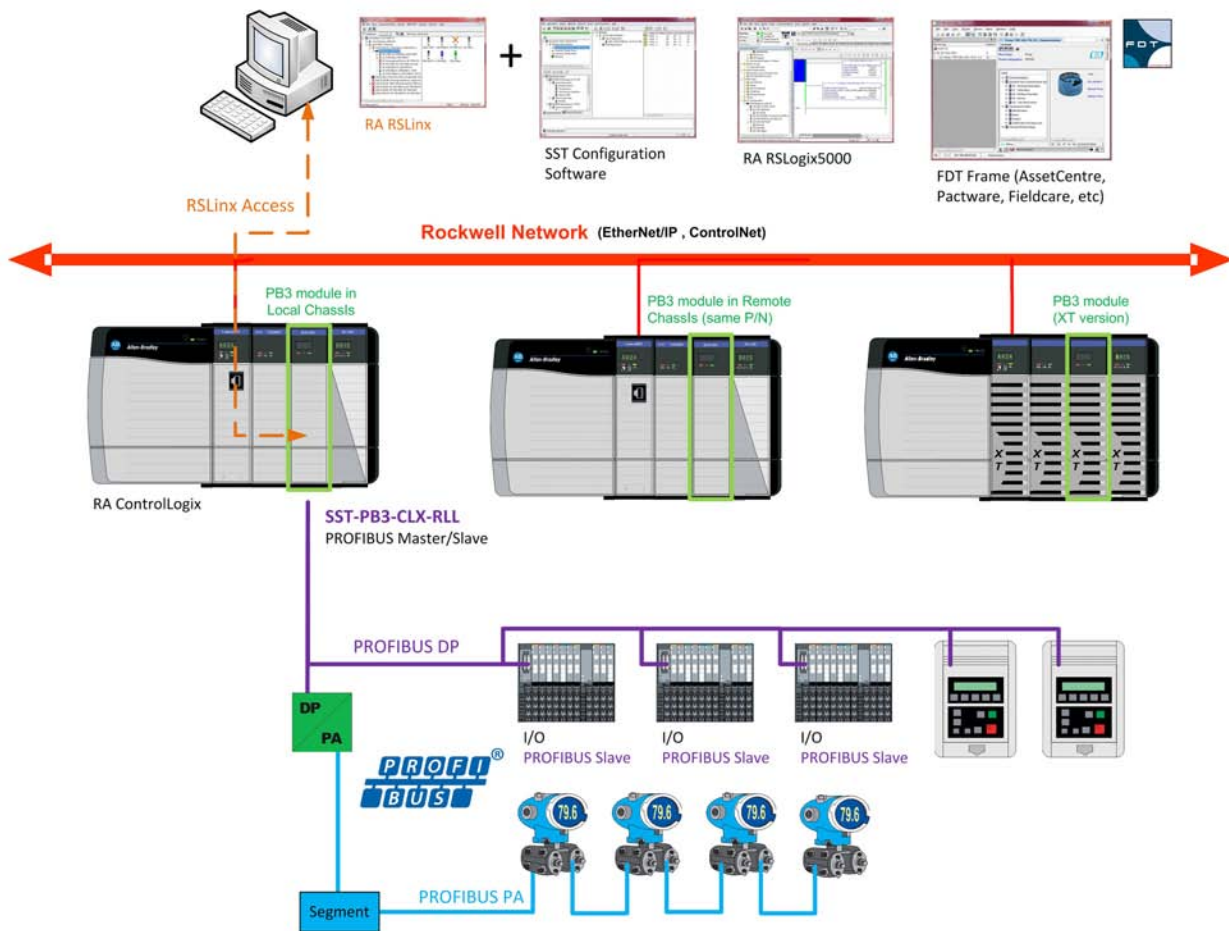eXTreme components
Ambient Operating Temperature -25 to 70°C

Applications

Automotive assembly lines

Material handling

Water and wastewater

Agro food industry

Oil and Gas

Pharmaceutical

Machine builders

Marine

Mining

Wastewater Treatment

Oil and Gas

Typical System Architecture

Ordering Information

Order No.	Engineering No.	Communication Protocol	PLC Supported	Product Attributes
112016-0018	SST-PB3-CLX-RLL	PROFIBUS Master/Slave	Rockwell ControlLogix	Remote Link Library (RLL) feature
112016-0023	SST-PB3-CLX-RLL-CC		Rockwell ControlLogix	Remote Link Library (RLL) feature Conformal Coated
112016-0024	SST-PB3-CLXT-RLL		Rockwell ControlLogix XT	Remote Link Library (RLL) feature Conformal Coated CLXT module components

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