INTERBUS SCANNER FOR
ALLEN-BRADLEY SLC 5/03 OR HIGHER

Overview

The SST Interbus SLC 500 scanner connects Interbus I/O to an Allen-Bradley SLC 5/03 or higher processor.

Features

- Uses the latest Generation 4 (G4) Interbus firmware, including support for InLine and Loop 2
- Uses Interbus PCP V4.0
- Serial port supports CMD (Configure, Monitor, Diagnose) for G4 Interbus features
- Fast, easy set up into SLC backplane, Interbus I/O is easily mapped into the SLC processor's I, O, M0 and M1 files
- Supports asynchronous scan mode
- Support for the following:
  - 256 remote bus slave-devices
  - 256 local bus devices
  - 16 remote bus levels in tree topology
  - 62 PCP 4.0 slaves
  - Scans 4096 I/O

Available for the SST Interbus Module for Allen-Bradley SLC 500

- **Global Technical Support, 24 hours/7 days**

INTERBUS

Hardware Specifications

- Maximum number of slave devices: 512 (up to 256 remote slave devices, up to 512 remote bus and local bus devices)
- Maximum I/O
  - I and O files: 32 words in, 32 words out
  - M0 file: 224 words out
  - M1 file: 224 words in
- With CMD, addresses 0-63 map into O0-31 (output), addresses 64-511 map to M0 addresses 0 to 223, addresses 512-575 map to I0-31 (inputs), addresses 576-1023 map to M1 addresses 0 to 223
- Environmental:
  - Storage temperatures: -25 to 70C (-13 to 158°F)
  - Operating temperature: 0 to 50C (32 to 122°F)
  - Power requirements: 500 mA @ 5 V
- 512 Kbytes flash for storage of parameter data
- Phoenix Contact USC/4 controller for Interbus functions
- Standard Interbus 9-pin D-connector
- 9-pin serial connector for upload of software and CMD
- COMM and Fault status LEDs for immediate notification of I/O or network errors
- Optical isolation on 9-pin remote bus connector
- Use CMD to map standard functions into SLC registers
- Quick start configuration is available through the SLC G-File, or use CMD to lock a configuration into the Interbus scanner.

Other Reference Materials

Web Site:
- www.mysst.com/bcm/content.htm

Related Allen-Bradley SLC Products

- PLC Network Modules for AS-Interface and Profibus

Related Interbus Products

- Embedded Network Solutions provide OEMs and device manufacturers with connectivity to industrial networks
- Network Gateways provide connectivity between two dissimilar networks; over 45 industrial network protocols supported

Affiliations

- SST is a member of Interbus Club USA

Ordering Information

- Order part number SST-IBS-SLC

Also available from SST:

www.mysst.com

Gateways
PLC Modules
Data Servers
Interface Cards
Embedded Solutions
I/O Simulation Software
Diagnostic and Configuration Software

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