



Table of Contents

Chapter 1: Getting Started

Introduction	1-2
The Purpose of this Manual	1-2
Supplemental Manuals	1-2
Who Should Read this Manual	1-2
Technical Support	1-2
Symbols Used	1-3
Introduction to DeviceNet	1-4
DeviceNet Concepts	1-4
The ODVA	1-4
Terminator I/O System	1-5
Mini Glossary	1-5
T1K-DEVNETS Base Controller	1-6
T1K-DEVNETS Base Controller Features	1-6

Chapter 2: Installing the T1K-DEVNETS Base Controller

Installing the T1K-DEVNETS	2-2
Mounting on DIN Rail	2-2
Connecting the Controller to a Power Supply	2-2
Setting the Node Address	2-3
Connecting the Components on the DIN Rail	2-3
Removing I/O Modules from the Base	2-4
Assembling the I/O Modules and Bases	2-4
DIP Switch Settings	2-5
Parameter initialization values	2-6
T1K-DEVNETS setup parameters	2-6
Wiring the Controller to a DeviceNet Network	2-7
Serial Port (RS-232)	2-7
Configuring the Controller	2-8
Configuring the DeviceNet Base Controller	2-8
Status Indicators	2-9
Outputs Switch	2-9
Master/Slave Communications	2-10
Terminator I/O Backplane Communications	2-11
I/O Module Memory Map	2-11

Appendix A: Specification

Specifications	A-2
-----------------------------	------------

Appendix B: Tables

Data Input and Output Tables	B-2
Input Register Object Class (107)	B-2
Output Register Object Class (108)	B-4
Data Register Range	B-5
I/O Diagnostic Information	B-6
DIP Switch SW4	B-6
System Information Object Specifications	B-7

Appendix C: Image Table Mapping

Image Table Mapping	C-2
---------------------------	-----

Appendix D: T1K-DEVNETS Think & Do Setup

T1K-DEVNETS Think & Do Setup	D-2
T & D Studio setup for PC control	D-2

Appendix E: T1K-DEVNETS and RSNetWorx™ Setup

Setup T1K-DEVNETS with RSNetWorx™	E-2
RSLinx	E-2
RSLogix	E-6
Configure T1K-DEVNETS with RSNetWorx™	E-8
Using the EDS file	E-8
Go on line	E-11
Set up I/O parameters	E-12
Map the nodes	E-15
Set Class Instance Attribute	E-18