

1.0 OVERVIEW

1.1 Introduction

This chapter tells you what is in this manual and lists related publications for additional information you may find helpful.

1.2 This Manual

This manual provides information on the AutoMate® I/O Rail, Digital I/O Modules, and accessories. These components can be used with an AutoMate 15, AutoMate 20/20E, AutoMate 30/30E, AutoMate 40/40E or a DCS 5000/AutoMax® programmable controller. The manual is divided into four chapters:

- Chapter 1 - Overview
 - Summarizes the manual's contents and related publications.
- Chapter 2 - I/O Rail
 - Describes the rail, its mounting instructions, and I/O wiring.
- Chapter 3 - Digital I/O Modules
 - Provides information on the plug-in digital I/O modules. Includes background information, specifications, and example wiring diagrams.
- Chapter 4 - Diagnostics and Troubleshooting
 - Describes how to locate I/O rail faults and how to isolate non-working I/O circuits.

1.3 Related Publications

For additional information, read the following publications and any others that apply to your system:

- J-3016 AutoMate 15 User's Manual
- J-3120 AutoMate 20 User's Manual
- J-3150 AutoMate 30/40 Software Reference Manual
- J-3039 AutoMate Racks
- J-3047 AutoMate Power Supply
- J-3040 AutoMate Fan Kit
- J-3031 AutoMate 30 Processor Hardware
- J-3140 AutoMate 40 Logic Processor
- J-3141 AutoMate 40 Control Processor
- J-3088 AutoMate 40 Memory Expansion
- J-3671 AutoMate Local Head

Related publications continued:

- J-3037 AutoMate Remote Head
- J-3033 AutoMate Local I/O Processor
- J-3654 AutoMate TWS Interface Module
- J-3655 AutoMate LED Interface Module
- J-3050 AutoMate Register Input Module
- J-3051 AutoMate Register Output Module
- J-3048 AutoMate Analog Input Module
- J-3046 AutoMate Analog Output Module
- J-3672 Analog Rail 0-10V In/Out
- J-3673 Analog Rail 4-20 ma In/Out
- J-3034 AutoMate Remote I/O Processor
- J-3161 AutoMate Accumulator Module
- J-3067 Mini Programmer Power Supply
- J-3094 Mini Programmer
- J-3063 ReSource AutoMate Programming Executive
- J-3634 AutoMate Software Loading Instructions
- J-3674 ReSource AutoMate Documentation Executive
- J-3075 AutoMate R-Net Applications
- J-3038 AutoMate Redundancy Processor
- J-3630 DCS 5000/AutoMax Programming Executive
- J-3606 Remote I/O Communications
- S-3006 D-C Drive Configuration and Programming
- S-3008 Power Module Interface Rack
- RE-181P DCS 5000/AutoMax AutoMate Remote I/O Head Reference Manual