

About this Manual:

The CQM1 is a compact, high-speed Programmable Controller (PC) designed for advanced control operations in systems requiring from 16 to 256 I/O points per PC. There are two manuals describing the setup and operation of the CQM1: The *CQM1 Operation Manual* (this manual) and the *CQM1 Programming Manual*. Also available is the *CQM1-series Dedicated I/O Units Operation Manual*.

This manual describes the system configuration and installation of the CQM1 and provides an basic explanation of operating procedures for the Programming Consoles and introduces the capabilities of the Ladder Support Software (LSS) and SYSMAC Support Software (SSS). Read this manual first to acquaint yourself with the CQM1.

The *CQM1 Programming Manual* provides detailed descriptions of the CQM1's programming functions. The *Ladder Support Software Operation Manual* and the *SYSMAC Support Software Operation Manual: C-series PCs* provides descriptions of LSS and SSS operations for the CQM1 and C-series PCs. Use Version-3 LSS or a later version for CQM1 operation.

Please read this manual carefully and be sure you understand the information provide before attempting to install and operate the CQM1.

Section 1 gives a brief overview of the steps involved in developing of a CQM1 System, describes the possible system configurations, and describes the CQM1's special features and functions.

Section 2 describes the Units that go together to create a CQM1 PC and provides information on switch settings, installation, and hardware maintenance. Technical specifications of the Units are also provided.

Section 3 describes LSS/SSS capabilities, how to connect the Programming Console, and how to perform the various Programming Console operations.

Section 4 describes how to diagnose and correct the hardware and software errors that can occur during PC operation.

The **Appendix** provides tables of CQM1 Units and related products.



WARNING

Failure to read and understand the information provided in this manual may result in personal injury or death, damage to the product, or product failure. Please read each section in its entirety and be sure you understand the information provided in the section and related sections before attempting any of the procedures or operations given.

Lss 4 Programming Manual

Emilie Sanchez



Lss 4 Programming Manual:

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