

INDEX

CHAPTER 1 RECEIVING AND INSPECTION

1-1 Nameplate Information	1-1
1-2 Model Explanation.....	1-1

CHAPTER 2 STORAGE AND INSTALLATION

2-1 Storage.....	2-1
2-2 Installation	2-1
2-3 Installation Environment	2-2
2-4 Dimensions	2-3

CHAPTER 3 WIRING

3-1 Basic Wiring Diagram.....	3-1
3-2 Main Circuit Terminal Explanations.....	3-2
3-3 Control Terminal Explanations.....	3-2
3-4 Component Explanations.....	3-3
3-5 Wiring Notices	3-4

CHAPTER 4 DIGITAL KEYPAD OPERATION

4-1 Description of the Digital Keypad	4-1
4-2 Explanations of Display Messages.....	4-1
4-3 Operation steps.....	4-2

CHAPTER 5 PARAMETER SETTINGS

5-1 Group 0: System Parameter.....	5-1
5-2 Group 1: Basic Parameter.....	5-12
5-3 Group 2: Digital Output/Input Parameters	5-16
5-4 Group 3: Analog Output/Input Parameters	5-26
5-5 Group 4: Multi-Step Speed Run (MSS Run) and Process Control Run (PLC Run)...	5-35
5-6 Group 5: Motor and Protection Parameter	5-38
5-7 Group 6: Special Parameter.....	5-45
5-8 Group 7: High-Performance and Communication Parameter	5-49
5-9 Group 8: Control Parameters for Fan and Water Pump.....	5-61

CHAPTER 6 FUNCTION AND PARAMETER SUMMARY..... 6-1

CHAPTER 7 ERROR MESSAGE AND TROUBLESHOOTING..... 7-1

CHAPTER 8 STANDARD SPECIFICATIONS

8-1

CHAPTER 9 BRAKING RESISTORS AND BRAKING UNITS

9-1