

WARNING/Caution	.....inside cover
Table of Contents	.....i
Manual Revisions	.....iv
EU Information	.....v
1 INTRODUCTION	
Manual Organization	.....2
Introduction to the EZText Panel	.....4
What you need to get started	.....5
Hardware	.....5
Software	.....5
Need Help?	.....5
Onscreen HELP	.....5
PLC HELP	.....5
Technical Support	.....6
Models	.....7
PLCs Supported by EZText Panels	.....8
PLC and Programming Cable Part Numbers	.....9
Accessories and Optional Equipment	.....9
Front Panel Features	.....10
Operator Controls and Indicators	.....10
PLC Message LED	.....10
Control Pushbuttons	.....11
Function Pushbuttons	.....11
Pushbutton LEDs	.....11
Character LCD Display with LED Backlight	.....11
Messages	.....12
Rear Panel Indicators	.....12
Specifications	.....13
2 HARDWARE INSTALLATION	
Custom Labels	.....16
Create Custom Labels	.....16
Install Custom Labels	.....17
EMI Noise Filter Installation	.....18
Mounting	.....19
Models EZ-220 and EZ-420 Outline Dimensions and Mounting Template	.....19
Model EZ-220L Outline Dimensions and Mounting Template	....20
DIN Clip Mounting	.....21
Connections and Wiring	.....22
EZ-220 and EZ-420 Rear View	.....23
EZ-220L Rear View	.....24
Power Connector	.....25

Serial Port	25
Connect a PLC	26
DeviceNet Port.....	26
3 LEARNING THE FEATURES	
Learning the Features	28
Memory Mapping/PLC Data Registers	28
Pushbuttons	29
LEDs	29
PLC Message Registers	30
Embedded Data Registers	30
PLC Messages and Local Messages	32
Embedded Data	32
Message Types	33
Displaying PLC Messages	34
PLC Message LED	35
Displaying Local Messages	35
Local Message File Structure Example	36
Local Message Menu Structure Example	37
4 TUTORIAL	
EZText Panel Setup	40
SETUP Mode	40
Adjust Display Contrast	40
Internal Software and Hardware Revisions	40
Preparing for Configuration	40
Installing EZText Programming Software	41
Tutorial — Plan the Project using Application Worksheets	43
Tutorial — Create the Project using EZText Programming	
Software	47
Tutorial — Configure a PLC	56
5 CONFIGURATION	
Configure New System	60
Configure Existing System.....	74
Connect to Panel, View Panel Status and Firmware Version.....	75
Upgrade Firmware	76
6 MAINTENANCE and TROUBLESHOOTING	
Maintenance	80
Fuse Reset.....	80
Precautions	80
Screen Overlay/Chemical Compatibility	80
Screen Overlay Cleaning	82
Gasket Replacement	82



TABLE OF CONTENTS

Troubleshooting	83
Panel Configuration Problems	83
PLC Errors	84
Still Need Help?	85
Warranty Repairs	86
Out of Warranty Repairs	86
Frequently Asked Questions (FAQs).....	87
 Appendix A	A-1
EZText Panel Application Worksheet	A-2
 Appendix B	B-1
Cable/Wiring Diagrams	B-2
 Appendix C	C-1
PLC Driver Error Messages	C-2
EZText Panel Error Messages	C-13
EZText Programming Software Error Messages	C-14
 INDEX	I-1