

<b>WARNING/Caution .....</b>	inside cover
Table of Contents .....	i
Manual Revisions .....	iv
EU Information .....	v
<b>1 INTRODUCTION</b>	
Manual Organization .....	2
Introduction to the EZText Panel .....	4
What you need to get started .....	5
Hardware .....	5
Software .....	5
<b>Need Help? .....</b>	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 LED .....	11
Annunciator Lamps .....	11
Data Entry (Keypad) Pushbuttons .....	12
Character LCD Display with LED Backlight.....	12
Messages .....	12
Rear Panel Indicators .....	13
Specifications .....	14
<b>2 HARDWARE INSTALLATION</b>	
Custom Labels .....	16
Create Custom Labels .....	16
Install Custom Labels .....	17
EMI Noise Filter Installation .....	18
Mounting .....	19
STUD Mounting .....	19
Model EZ-220P/EZ-220P-DEV Outline Dimensions .....	19
Model EZ-220P/EZ-220P-DEV Cutout Dimensions (Mounting Template) .....	20
DIN CLIP Mounting .....	21
Connections and Wiring .....	22
Rear View .....	23
Power Connector .....	24

Serial Port .....	24
Connect a Programming PC .....	24
Connect a PLC .....	25
DeviceNet Port .....	25
<b>3 LEARNING THE FEATURES</b>	
Learning the Features .....	28
Memory Mapping/PLC Data Registers .....	28
Pushbuttons .....	29
LEDs .....	29
Annunciator Lamps .....	30
PLC Message Registers .....	31
Embedded Data Registers .....	31
PLC Messages and Local Messages .....	32
Embedded Data .....	32
Message Types .....	33
Displaying PLC Messages .....	34
Arrow Adjustment Entry .....	35
Numeric Keypad Entry .....	35
Annunciator Lamps .....	35
PLC Message LED .....	35
Displaying Local Messages .....	36
Local Message File Structure Example .....	37
Local Message Menu Structure Example .....	38
<b>4 TUTORIAL</b>	
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 .....	48
Tutorial — Configure a PLC .....	57
<b>5 CONFIGURATION</b>	
Configure New System .....	62
Configure Existing System .....	78
Connect to Panel, View Panel Status and Firmware Version .....	79
Upgrade Firmware .....	80
<b>6 MAINTENANCE and TROUBLESHOOTING</b>	
Maintenance .....	84

Fuse Reset .....	84
Precautions .....	84
Screen Overlay/Chemical Compatibility .....	84
Screen Overlay Cleaning .....	86
Gasket Replacement .....	86
Troubleshooting .....	87
Panel Configuration Problems .....	87
PLC Errors .....	87
Still Need Help? .....	89
Warranty Repairs .....	90
Out of Warranty Repairs .....	90
Frequently Asked Questions (FAQs) .....	91
 <b>Appendix A</b>	
EZText Panel Application Worksheet .....	A-2
 <b>Appendix B</b>	
Cable/Wiring Diagrams .....	B-2
 <b>Appendix C</b>	
PLC Driver Error Messages .....	C-2
EZText Panel Error Messages .....	C-13
EZText Programming Software Error Messages .....	C-14
 <b>INDEX .....</b>	I-1