



**WARNING/Caution** ..... inside front cover

**Table of Contents** ..... i

**Manual Revisions** ..... v

**EU Information** ..... vi

**1 GETTING STARTED** ..... 1

    Manual Organization ..... 1

        Manual Sections Table ..... 1

        Introduction ..... 2

    What you need to get started ..... 3

        Hardware ..... 3

        Software ..... 3

    Need Help? ..... 3

        Onscreen HELP ..... 3

        Fly-Over HELP ..... 3

        PLC HELP ..... 3

        Technical Support ..... 4

**2 MODELS, FEATURES AND ACCESSORIES** ..... 5

    6-inch EZTouch Panel Models ..... 5

    8-inch, 10-inch, and 15-inch EZTouch Panel Models ..... 6

    Features ..... 7

    PLCs Supported by EZTouch Panels ..... 8

    Replacement and Optional Equipment ..... 9

    PLC Cable Part Numbers ..... 10

    Programming Cable Part Number ..... 10

**3 SPECIFICATIONS** ..... 11

    All 6-inch Models ..... 11

    8-inch and 10-inch Standard Bezel Models ..... 12

    8-inch, 10-inch, and 15-inch Slim Bezel Models ..... 13

**4 INSTALLATION** ..... 15

    Mounting ..... 16

        Method 1. Stud Mounting ..... 16

            EZ-S6M-R, EZ-S6M-F, EZ-S6M-FH, EZ-S6K, EZ-S6C-F,  
            EZ-S6C-FH Dimensions & Cutout ..... 17

            EZ-S6M-RS, EZ-S6M-FS, EZ-S6M-FSH, EZ-S6C-KS,  
            EZ-S6C-FS, EZ-S6C-FSH Dimensions & Cutout ..... 18

            EZ-S8C-F and EZ-S8C-FH Dimensions & Cutout ..... 19

            EZ-S8C-FS and EZ-S8C-FSH Dimensions ..... 20

            EZ-S8C-FS and EZ-S8C-FSH Cutout ..... 21

            EZ-T10C-F and EZ-T10C-FH Dimensions & Cutout ..... 22

            EZ-T10C-FS, EZ-T10C-FSH, EZ-T10C-FSD, EZ-T10C-FSE,  
            EZ-T10C-FSM, and EZ-T10C-FSP Dimensions ..... 23



EZ-T10C-FS, EZ-T10C-FSH, EZ-T10C-FSD, EZ-T10C-FSE, EZ-T10C-FSM, and EZ-T10C-FSP Cutout .....	24
EZ-T15C-FS, EZ-T15C-FSH , EZ-T15C-FSD, EZ-T15C-FSE, EZ-T15C-FSM, and EZ-T10C-FSP Dimensions .....	25
EZ-T15C-FS, EZ-T15C-FSH , EZ-T15C-FSD, EZ-T15C-FSE, EZ-T15C-FSM, and EZ-T10C-FSP Cutout .....	26
Method 2. DIN Clips .....	27
Connections and Wiring .....	29
Wiring Diagram .....	29
Power Terminal .....	30
PLC Port .....	30
COM1 Port .....	31
Option Card Installation .....	32
Allen-Bradley Data Highway Plus Option Card .....	33
EZ Ethernet Option Card .....	34
EZ Ethernet Option Card Outline Drawing .....	35
Generic DeviceNet I/O Option Card .....	36
Generic Ethernet/IP Option Card .....	37
Modicon Modbus Plus Option Card .....	38
Generic Profibus-DP Option Card .....	39
Communications Setup .....	41
Clock .....	41
COM1 .....	42
Contrast .....	43
Touchpad Test .....	43
Display Test .....	44
Exit .....	44
Reboot .....	44
<b>5 MAINTENANCE .....</b>	<b>45</b>
Shutting Off Power to EZTouch Panel .....	45
Lithium Battery Replacement .....	47
Gasket Replacement .....	48
Panel Status Indicator Light .....	48
RAM Upgrade .....	49
FLASH Program Backup .....	50
Fuse Reset .....	50
Fluorescent Backlight Bulb Replacement .....	50
Precautions .....	51
Touchscreen/Chemical Compatibility .....	52
Standard Bezel .....	52
Slim Bezel .....	52
Touchscreen Cleaning .....	54
<b>6 TROUBLESHOOTING .....</b>	<b>55</b>
Warranty Repairs .....	57

**APPENDIX A (PLC Cable Wiring Diagrams)** ..... A-1

Allen-Bradley SLC500, 5/01, /02, /03 DH-485/AIC  
(P/N EZ-DH485-CBL) ..... A-2

Allen-Bradley SLC DF1 RS-232C (P/N EZ-SLC-232-CBL) ..... A-3

Allen-Bradley Micrologix 1000/1200/1500 RS-232C  
(P/N EZ-MLOGIX-CBL) ..... A-3

Allen-Bradley PLC5 DF1 RS-232C (P/N EZPLC5-232-CBL) ..... A-3

DirectLogic PLC RJ-12, DL05, DL105, DL205, DL350, and DL450,  
RS-232C (P/N EZ-2CBL) ..... A-4

DirectLogic PLC VGA 15-pin, 250, RS-232C (P/N EZ-2CBL-1) ..... A-4

DirectLogic PLC RJ-11, 340, RS-232C (P/N EZ-3CBL) ..... A-4

DirectLogic PLC 15-pin D-SUB, DL405, RS-232C  
(P/N EZ-4CBL-1) ..... A-5

DirectLogic PLC 25-pin D-SUB, DL405, 350, 305 DCU, and all DCMs  
RS-232C (P/N EZ-4CBL-2) ..... A-5

General Electric 90/30 and 90/70 15-pin D-SUB, RS-422A  
(P/N EZ-90-30-CBL) ..... A-6

Mitsubishi FX Series 25-pin, RS-422A (P/N EZ-MITSU-CBL) ..... A-6

Mitsubishi FX Series 8-pin MINI-DIN, RS-422A  
(P/N EZ-MITSU-CBL-1) ..... A-7

Modicon Modbus RS-232 ..... A-7

Wiring Diagram for the 984 CPU, Quantum 113 CPU ..... A-7

Wiring Diagram for AEG Modicon MICRO Series: 110 CPU 311-xx,  
110 CPU 411-xx, 110 CPU 512-xx, 110 CPU-612-xx ..... A-8

Modicon Modbus with RJ45 ..... A-8

Omron C200, C500, RS-232C (P/N EZ-OMRON-CBL) ..... A-9

Omron CQM1 and CPM1 ..... A-9

Siemens S7 MPI Adaptor, RS-232C (P/N EZ-S7MPI-CBL) ..... A-10

EZTouch RS-422A/RS-485A Wiring Connections for  
DirectLogic PLCs ..... A-11

EZTouch RS-422A Wiring Connections for Allen-Bradley SLC  
503/504, RS-232C Port ..... A-12

**INDEX** ..... I-1