

Hardware Specifications

Specifications for all 6-inch EZTouch Panel Models (including Slim Bezel and A-B DH+ Option Card Models) are provided in the table below. * An “H” at the end of a part number indicates an A-B DH+ option card has been installed. An “S” indicates a Slim Bezel Model.

EZTouch Panel Specifications — all 6-inch Models

Specification	EZTouch Panel 6-inch Models			
	6" Mono EZ-S6M-R, EZ-S6M-F, and *EZ-S6M-FH	6" Mono Slim EZ-S6M-RS, EZ-S6M-FS, and *EZ-S6M-FSH	6" Color EZ-S6C-K, EZ-S6C-F, and *EZ-S6C-FH	6" Color Slim EZ-S6C-KS, EZ-S6C-FS, and *EZ-S6C-FSH
Display Type	5.7" STN (16 Shades of Gray)		5.7" STN (128-Color Palette)	
Display Size (Viewing Area)	4.72" x 3.5" (119.4 x 88.9 mm)		4.65" x 3.5" (118.1 x 88.9 mm)	
Screen Pixels	320 x 240			
Display Brightness	140 nits		180 nits	
Touch Screen	48 resistive touch cells (8 x 6)	EZ-S6M-RS : 48 resistive touch cells (8 x 6) EZ-S6M-FS/FSH : 192 resistive touch cells (16 x 12)	48 resistive touch cells (8 x 6)	192 resistive touch cells (16 x 12)
CPU Type	Motorola Coldfire 32 bit CPU (40 MHZ)			
Service Power	24 VDC (20–30 VDC operating range)			
Power Consumption	13 Watts @ 24VDC		15 Watts @ 24VDC	
Enclosure	NEMA 4, 4X (indoor)			
Agency Approvals	UL, CUL, CE			
Operating Temperature	0 to 45 °C (32 to 113 °F)			
Storage Temperature	–20 to +60 °C (–4 to +140 °F)		–25 to +60 °C (–13 to +140 °F)	
Humidity	10–95% R.H., noncondensing			
Electrical Noise Interference	NEMA ICS 2-230 showering arc ANSI C37.90a-1974 SWC Level C Chattering Relay Test			
Withstand Voltage	1000 VDC (1 minute), between power supply input terminal and protective ground (FG)			
Insulation Resistance	Over 20 M-ohm, between power supply input and terminal and protective ground (FG)			
Vibration	5 to 55 Hz 2G for 2 hours in the X, Y, and Z axes			
Shock	10G for under 12 ms in the X, Y, and Z axes			
User Memory	EZ-S6M-R, EZ-S6M-RS : 256K system RAM Memory (only) All other models : 512K System RAM Memory, 512K Option RAM Card for Memory Expansion, 512K Option Flash Card for Memory Backup, 1 Meg Option Flash Card for Memory Backup			
Number of Screens	Up to 999, limited by memory			
Real-time Clock	Built into panel (PLC clock is still accessible, if available)			
Serial Communications	PLC Port : RS-232C, RS-422A, RS-485A, 15-pin D-Sub (Female)] Download/Program Port : RS-232C, RS-422A, RS-485A, 9-pin D-Sub (Female) DH+ Port : (EZ-S6M-FH/FSH, EZ-S6C-FH/FSH Models) DH+ option board 25-pin connector (Female)			
Screen Saver	Yes, backlight off			
External Dimensions	7.30" x 8.94" x 2.94" (185.42 x 226.076 x 74.68 mm)	7.250" x 8.048" x 2.68" (156.078 x 204.407 x 68.07 mm)	7.30" x 8.94" x 2.94" (185.42 x 226.076 x 74.68 mm)	7.250" x 8.048" x 2.68" (156.078 x 204.407 x 68.07 mm)
Weight	1.7 lbs.			

EZTouch Panel Specifications — 8-inch and 10-inch Standard Bezel Models

Specification	EZTouch Panel Models	
	8" Color EZ-S8C-F and EZ-S8C-FH	10" Color EZ-T10C-F and EZ-T10FH
Display Type	8.2" STN (128-Color Palette)	10.4" TFT (128-Color Palette)
Display Size (Viewing Area)	6.65" x 5.024" (168.9 x 127.61 mm)	8.31" x 6.22" (211.07 x 158 mm)
Screen Pixels	640 x 480	
Display Brightness	90 nits	200 nits
Touch Screen	192 resistive touch cells (16 x 12)	
CPU Type	Motorola Coldfire 32 bit CPU (40 MHZ)	
Service Power	24 VDC (20–30 VDC operating range)	
Power Consumption	16 Watts @ 24VDC	18 Watts @ 24VDC
Enclosure	NEMA 4, 4X (indoor)	
Agency Approvals	UL, CUL, CE	
Operating Temperature	0 to 40 °C (32 to 104 °F)	0 to 50 °C (32 to 122 °F)
Storage Temperature	-20 to +60 °C (-4 to +140 °F)	-25 to +60 °C (-13 to +140 °F)
Humidity	10–95% R.H., noncondensing	
Electrical Noise Interference	NEMA ICS 2-230 showering arc ANSI C37.90a-1974 SWC Level C Chattering Relay Test	
Withstand Voltage	1000 VDC (1 minute), between power supply input terminal and protective ground (FG)	
Insulation Resistance	Over 20 M-ohm, between power supply input and terminal and protective ground (FG)	
Vibration	5 to 55 Hz 2G for 2 hours in the X, Y, and Z axes	
Shock	10G for under 12 ms in the X, Y, and Z axes	
User Memory	512K System RAM Memory, 512K Option RAM Card for Memory Expansion, 512K Option Flash Card for Memory Backup, 1 Meg Option Flash Card for Memory Backup	
Number of Screens	Up to 999, limited by memory	
Real-time Clock	Built into panel (PLC clock is still accessible, if available)	
Serial Communications	PLC Port: RS-232C, RS-422A, RS-485A, 15-pin D-Sub (Female) Download/Program Port: RS-232C, RS-422A, RS-485A, 9-pin D-Sub (Female) DH+ Port: (EZ-S8C-FH, EZ-T10C-FH Models) DH+ option board 25-pin connector (Female)	
Screen Saver	Yes, backlight off	
External Dimensions	8.76" x 10.915" x 3.093" (222.38 x 277.24 x 78.56 mm)	10.60" x 13.59" x 3.19" (269.22 x 345.186 x 81.03 mm)
Weight	1.6 lbs.	3.8 lbs.

EZTouch Panel Specifications — 8-inch, 10-inch, and 15-inch Slim Bezel Models

Specification	EZTouch Panel Models		
	8" Color EZ-S8C-FS and EZ-S8C-FSH	10" Color EZ-T10C-FS and EZ-T10- FSH/FSD/FSM/FSE/FSP	15" Color EZ-T15C-FS and EZ-T15C- FSH/FSD/FSM/FSE/FSP
Display Type	8.2" STN (128-Color Palette)	10.4" TFT (128-Color Palette)	15.0" TFT (128-Color Palette)
Display Size (Viewing Area)	6.65" x 5.024" (168.9 x 127.61 mm)	8.31" x 6.22" (211.07 x 158 mm)	12.02" x 9.01" (305.28 x 228.96 mm)
Screen Pixels	640 x 480		
Display Brightness	90 nits	200 nits	250 nits
Touch Screen	192 resistive touch cells (16 x 12)		
CPU Type	Motorola Coldfire 32 bit CPU (40 MHZ)		
Service Power	24 VDC (20–30 VDC operating range)		
Power Consumption	16 Watts @ 24VDC	18 Watts @ 24VDC	33 Watts @ 24VDC
Enclosure	NEMA 4, 4X (indoor)		
Agency Approvals	UL, CUL, CE		
Operating Temperature	0 to 40 °C (32 to 104 °F)	0 to 50 °C (32 to 122 °F)	0 to 45 °C (32 to 113 °F)
Storage Temperature	-20 to +60 °C (-4 to +140 °F)	-25 to +60 °C (-13 to +140 °F)	
Humidity	10–95% R.H., noncondensing		
Electrical Noise Interference	NEMA ICS 2-230 showering arc ANSI C37.90a-1974 SWC Level C Chattering Relay Test		
Withstand Voltage	1000 VDC (1 minute), between power supply input terminal and protective ground (FG)		
Insulation Resistance	Over 20 M-ohm, between power supply input and terminal and protective ground (FG)		
Vibration	5 to 55 Hz 2G for 2 hours in the X, Y, and Z axes		
Shock	10G for under 12 ms in the X, Y, and Z axes		
User Memory	8" and 10" Models: 512K System RAM Memory, 512K and 1 MEG Option RAM Card for Memory Expansion; 512K, 1 or 2 MEG Option Flash Card for Memory Backup 15" Model: 1024K System RAM Memory, 512K and 1 MEG Option RAM Card for Memory Expansion; 1or 2 Meg Option Flash Card for Memory Backup		
Number of Screens	Up to 999, limited by memory		
Real-time Clock	Built into panel (PLC clock is still accessible, if available)		
Serial Communications	PLC Port: RS-232C, RS-422A, RS-485A, 15-pin D-Sub (Female) Download/Program Port: RS-232C, RS-422A, RS-485A, 9-pin D-Sub (Female) DH+ Port: (EZ-S8C-FH, EZ-T10C-FH Models) DH+ option board 25-pin connector (Female)		
Screen Saver	Yes, backlight off		
External Dimensions	8.75" x 10.89" x 2.76" (222.25 x 276.61 x 70.10 mm)	10.59" x 13.58" x 2.86" (268.99 x 344.93 x 72.64 mm)	13.00" x 16.75" x 4.66" (330.2 x 425.45 x 118.36 mm)
Weight	2.9 lbs.	5.0 lbs.	8.9 lbs.



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