ST-6200WA Basic HMI

Features:
- Aluminum Front Panel
- 16 Million Colors
- Enhanced Cybersecurity
- Easy to Install, No Tools Needed
- Single Touch Analog Display
- Ethernet Port, Serial (COM 1)

4.3" Wide Basic HMI

ST-6200WA

24 Vdc

Model: ST6000 Series

WQVGA TFT | Aluminum Front Panel

BLUE

Performance Specifications

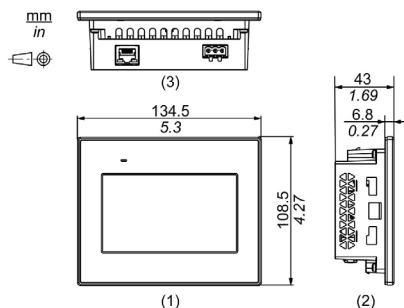|		
Model		ST6200WA
Graphics Display Resolution		WQVGA TFT (480 x 272 Pixels)
Display Type and Size		TFT Color LCD (4.3-inch) Wide
Display Colors		16 million colors
Touch Panel		Resistive film (analog, single touch)
Effective Display Area		95.04 x 53.86 mm (3.74 x 2.12 in)
Touch Panel Resolution		1024 x 1024
Backlight		Backlight White LED (Not user replaceable. When replacement is required, contact customer support.)
Backlight Service Life		50,000 hours or more (continuous operation at 25 °C [77 °F] before backlight brightness decreases to 25%)
Brightness Control		16 levels (Adjusted with touch panel or software)
Interface	USB (Type A)	Connector: USB 2.0 (Type A) x 1, Power supply voltage: 5 Vdc ±5 %, Maximum current supplied: 500 mA, Communication distance: 5 m [16.4 ft.]
	USB (Type - microB)	Conforms to USB 2.0 (micro-B) x 1, Maximum transmission distance : 5 m [16.4 ft]
	Ethernet	IEEE802.3i/IEEE802.3u, 10BASE-T/100BASE-TX, Connector: Modular jack (RJ-45) x 1
	Serial(COM1)	Asynchronous Transmission: RS-232C/422/485, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)

General Specifications

Model	ST6200WA
Input Voltage	Rated Input Voltage: 24 Vdc / Input Voltage Limits: 19.2 to 28.8 Vdc
Power Consumption	3.6 W or less when power is not supplied to devices via fron USB, 2.8 W or less when screen turns off the backlight (standby mode) (Max 6.9 W)
In-Rush Current	30 A or less
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Shock Resistance	IEC/EN 61131-2 compliant 147 m/s2, X, Y, Z directions for 3 times
Certifications	UL 61010-2-201 and CSA C22.2 No61010-2-201, KC KN1, KN61000-6-2, RCM EN61000-6-4, CE EN 61131-2, EN61000-6-4, EN61000-6-2, RoHS, REACH Regulation EC 1907/2006, WEEE Directive 2012/19/EU
Operating Temperature	0 to 50 °C (32 to 122 °F)
Voltage Drop	2 ms or less
Corrosive Gas	Free of corrosive gases
Pollution Degree	For use in pollution degree 2 environment
Cooling method	Natural air circulation
Dust	0.1 mg/m3 (10-7 oz/ft3) or less (non-conductive levels)
Voltage Endurance	1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)
Vibration Resistance	IEC/EN 61131-2 compliant, 5 to 9 Hz single amplitude 3.5 mm [0.14 in.], 9 to 150 Hz fixed acceleration: 9.8 m/s2, X, Y, Z directions for 10 cycles (approx. 100 min.)
Insulation Resistance	500 Vdc, 10 MΩ or more
Structure	IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure) [1]
Weight	0.4 kg (0.88 lb) or less
External Dimensions	134.5 x 108.5 x 43 mm (5.3 x 4.27 x 1.69 in)
Panel Cut-Out Dimensions	118.5 x 92.5 mm (4.67 x 3.94 in)[1] Panel thickness area: 1.6...5 mm (0.06...0.2 in)[2]
Warranty	Two (2) years

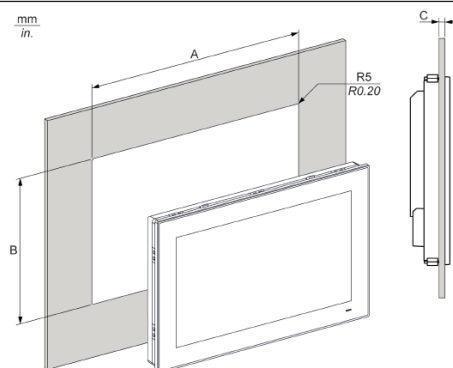1 For dimensional tolerance, everything +1/-0 mm (+0.04/-0 in) and R in angle are below R3 (R0.12 in)
2 Even if the installation wall thickness is within the recommended range for the "Panel Cut Dimensions", depending on wall's material, size, and installation location of this product and other

External Dimensions

mm
in

(3)

134.5
5.3

43
1.69

6.8
0.27

108.5
4.27

(1)

(2)

1 Front
2 Left
3 Bottom

Panel Cut-Out Dimensions

mm
in.

C

A

R5
R0.20

B

Panel Cut Out	A	B	C
4.3" Wide	118.5 ±0.7 mm (4.67 ±0.03 in.)	92.5 ±0.4 mm (3.64 ±0.02 in.)	1.6 to 5 mm (0.06 to 0.2 in.)

Ordering Information

Model Number	Description
PFXST6200WAD	4.3"W Basic HMI 480 x 272 Pixels 16M colors display with analog signal touch panel, Ethernet(RJ45) x 2, USB Host, 24VDC, Serial Port (COM 1)

Options

Part Number	Description
ZC9AF31	Installation fastener (2 pieces/set).
PFXZCIWG43	Installation Gasket
CA5-DCCNM-01	Connector to connect DC power supply cables.
PFXZCIDS42	Disposable, dirt-resistant sheet for the display (5 sheets/set) for STW-64200WA.
FP-US00	Connects a USB device.
CA5-USBEXT-01	Extension cable that attaches USB interface to front panel.
PFXZCBCLUSA1	Clamp to prevent disconnection of USB cable (USB Type A, 1 port, 5 clamps/set)

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Phone: 734.477.0600
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by Schneider Electric

ST-6400WA Basic HMI

Features:
- Aluminum Front Panel
- 16 Million Colors
- Enhanced Cybersecurity
- Easy to Install, No Tools Needed
- Single Touch Analog Display
- 2 Ethernet Ports, Serial Ports, USB

7.0" Wide Basic HMI

24 Vdc

ST-6400WA

Model: ST6000 Series

WVGA TFT | Aluminum Front Panel

BLUE

Performance Specifications

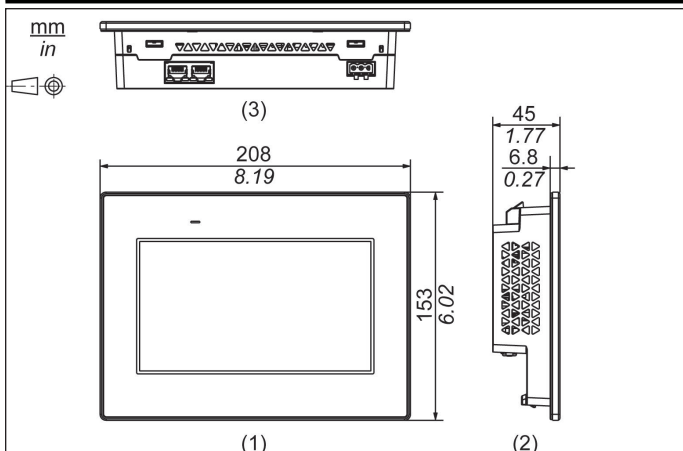| Model		ST6400WA
Graphics Display Resolution		WVGA TFT (800 x 480 Pixels)
Display Type and Size		TFT Color LCD (7.0-inch) Wide
Display Colors		16 million colors
Touch Panel		Resistive film (analog, single touch)
Effective Display Area		154.08 x 85.92 mm (6.07 x 3.38 in)
ToucPanel Resolution		1024 x 1024
Backlight		Backlight White LED (Not user replaceable. When replacement is required, contact customer support.)
Backlight Service Life		50,000 hours or more (continuous operation at 25 °C [77 °F] before backlight brightness decreases to 25%)
Brightness Control		16 levels (Adjusted with touch panel or software)
Interface	USB (Type A)	Connector: USB 2.0 (Type A) x 1, Power supply voltage: 5 Vdc ±5 %, Maximum current supplied: 500 mA, Communication distance: 5 m [16.4 ft.]
	USB (Type - microB)	Conforms to USB 2.0 (micro-B) x 1, Maximum transmission distance : 5 m [16.4 ft]
	Ethernet	IEEE802.3i/IEEE802.3u, 10BASE-T/100BASE-TX, Connector: Modular jack (RJ-45) x 2
	Serial (COM1)	Asynchronous Transmission: RS-232C, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)
	Serial (COM2)	Asynchronous Transmission: RS-422/485, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)

General Specifications

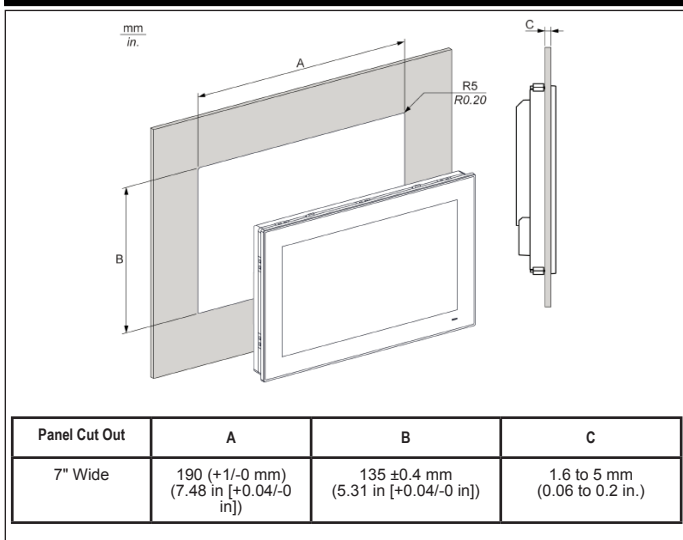| Model	ST6400WA
Input Voltage	Rated Input Voltage: 24 Vdc / Input Voltage Limits: 19.2 to 28.8 Vdc
Power Consumption	5.5 W or less when power is not supplied to devices via fron USB, 3.6 W or less when screen turns off the backlight (standby mode) (Max 9 W)
In-Rush Current	30 A or less
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Shock Resistance	IEC/EN 61131-2 compliant 147 m/s2, X, Y, Z directions for 3 times
Certifications	UL 61010-2-201 and CSA C22.2 No61010-2-201, KC KN1, KN61000-6-2, RCM EN61000-6-4, CE EN 61131-2, EN61000-6-4, EN61000-6-2, RoHS, REACH Regulation EC 1907/2006, WEEE Directive 2012/19/EU
Operating Temperature	0 to 50 °C (32 to 122 °F)
Voltage Drop	5 ms or less
Corrosive Gas	Free of corrosive gases
Pollution Degree	For use in pollution degree 2 environment
Cooling method	Natural air circulation
Dust	0.1 mg/m3 (10-7 oz/ft3) or less (non-conductive levels)
Voltage Endurance	1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)
Vibration Resistance	IEC/EN 61131-2 compliant, 5 to 9 Hz single amplitude 3.5 mm [0.14 in.], 9 to 150 Hz fixed acceleration: 9.8 m/s2, X, Y, Z directions for 10 cycles (approx. 100 min.)
Insulation Resistance	500 Vdc, 10 MΩ or more
Structure	IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure)[1]
Weight	0.8kg (1.76 lb) or less
External Dimensions	208 x 153 x 45 mm (8.19 x 6.02 x 1.77 in)
Panel Cut-Out Dimensions	190 x 135 mm (7.48 x 5.31 in)[1] Panel thickness area: 1.6...5 mm (0.06...0.2 in)[2]
Warranty	Two (2) years

1 For dimensional tolerance, everything +1/-0 mm (+0.04/-0 in) and R in angle are below R3 (R0.12 in)
2 Even if the installation wall thickness is within the recommended range for the "Panel Cut Dimensions", depending on wall's material, size, and installation location of this product and other

External Dimensions


```
mm
in

(3)

208
8.19

45
1.77

6.8
0.27

153
6.02

(1)                    (2)
```

Panel Cut-Out Dimensions


```
mm
in.

A

C

R5
R0.20

B
```

Panel Cut Out	A	B	C
7" Wide	190 (+1/-0 mm) (7.48 in [+0.04/-0 in])	135 ±0.4 mm (5.31 in [+0.04/-0 in])	1.6 to 5 mm (0.06 to 0.2 in.)

Ordering Information

Model Number	Description
PFXST6400WAD	7"W Basic HMI 7"W 800 x 480 pixel 16M colors display with analog signal touch panel, Ethernet(RJ45) x 2, USB Host, 24VDC, Serial Ports (COM 1 & 2), USB

Options

Part Number	Description
PFXZCIAFTF1	Installation fastener (2 pieces/set).
PFXZCIWG73	Installation Gasket
CA5-DCCNM-01	Connector to connect DC power supply cables.
PFXZCIDS72	Disposable, dirt-resistant sheet for the display (5 sheets/set) for STW-6400WA.
FP-US00	Connects a USB device.
CA5-USBEXT-01	Extension cable that attaches USB interface to front panel.
PFXZCBCLUSA1	Clamp to prevent disconnection of USB cable (USB Type A, 1 port, 5 clamps/set)

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ST-6500WA Basic HMI

10.1" Wide Basic HMII

24 Vdc

ST-6500WA
Model: ST6000 Series

WSVGA TFT | Aluminum Front Panel

c(UL)us LISTED   CE   CSA   RoHS   BLUE

Features:
- Aluminum Front Panel
- 16 Million Colors
- Enhanced Cybersecurity
- Easy to Install, No Tools Needed
- Single Touch Analog Display
- 2 Ethernet Ports, Serial Ports, USB

Performance Specifications

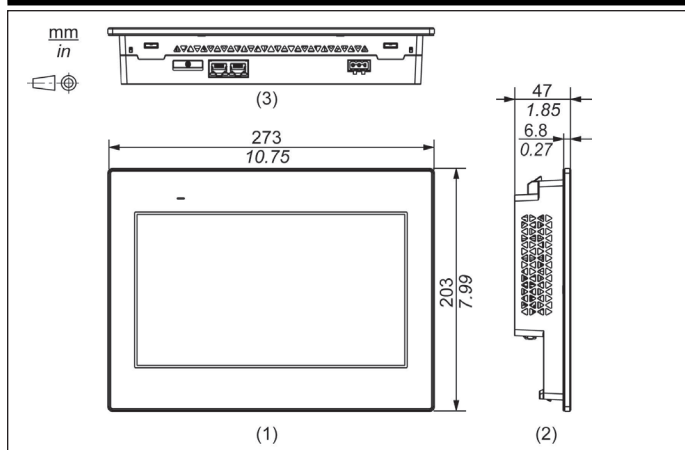|		
Model		ST6500WA
Graphics Display Resolution		WSVGA TFT(1,024 x 600 Pixels)
Display Type and Size		TFT Color LCD (10.1-inch) Wide
Display Colors		16 million colors
Touch Panel		Resistive film (analog, single touch)
Effective Display Area		222.72 x 125.28 mm (8.77 x 4.93 in)
ToucPanel Resolution		1024 x 1024
Backlight		Backlight White LED (Not user replaceable. When replacement is required, contact customer support.)
Backlight Service Life		50,000 hours or more (continuous operation at 25 °C [77 °F] before backlight brightness decreases to 25%)
Brightness Control		16 levels (Adjusted with touch panel or software)
Interface	USB (Type A)	Connector: USB 2.0 (Type A) x 1, Power supply voltage: 5 Vdc ±5 %, Maximum current supplied: 500 mA, Communication distance: 5 m [16.4 ft.]
	USB (Type - microB)	Conforms to USB 2.0 (micro-B) x 1, Maximum transmission distance : 5 m [16.4 ft]
	Ethernet	IEEE802.3i/IEEE802.3u, 10BASE-T/100BASE-TX, Connector: Modular jack (RJ-45) x 2
	Serial (COM1)	Asynchronous Transmission: RS-232C, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)
	Serial (COM2)	Asynchronous Transmission: RS-422/485, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)

General Specifications

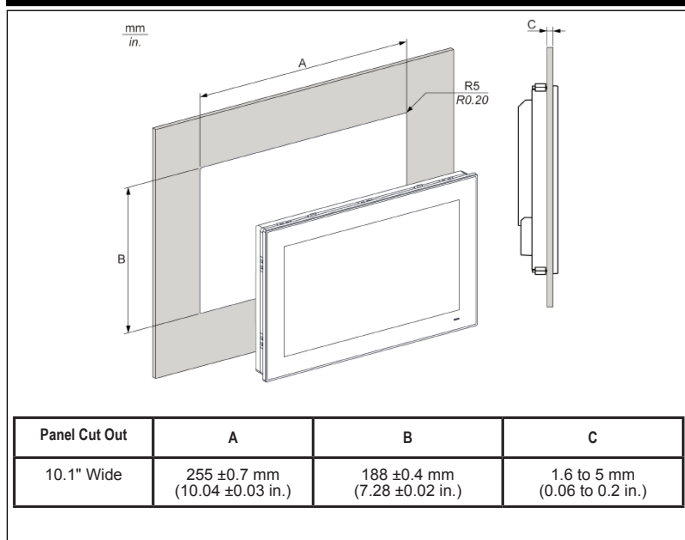|	
Model	ST6500WA
Input Voltage	Rated Input Voltage: 24 Vdc / Input Voltage Limits: 19.2 to 28.8 Vdc
Power Consumption	9.6 W or less when power is not supplied to devices via fron USB, 4.6 W or less when screen turns off the backlight (standby mode) (Max 12.6 W)
In-Rush Current	30 A or less
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Shock Resistance	IEC/EN 61131-2 compliant 147 m/s2, X, Y, Z directions for 3 times
Certifications	UL 61010-2-201 and CSA C22.2 No61010-2-201, KC KN1, KN61000-6-2, RCM EN61000-6-4, CE EN 61131-2, EN61000-6-4, EN61000-6-2, RoHS, REACH Regulation EC 1907/2006, WEEE Directive 2012/19/EU
Operating Temperature	0 to 50 °C (32 to 122 °F)
Voltage Drop	10 ms or less
Corrosive Gas	Free of corrosive gases
Pollution Degree	For use in pollution degree 2 environment
Cooling method	Natural air circulation
Dust	0.1 mg/m3 (10-7 oz/ft3) or less (non-conductive levels)
Voltage Endurance	1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)
Vibration Resistance	IEC/EN 61131-2 compliant, 5 to 9 Hz single amplitude 3.5 mm [0.14 in.], 9 to 150 Hz fixed acceleration: 9.8 m/s2, X, Y, Z directions for 10 cycles (approx. 100 min.)
Insulation Resistance	500 Vdc, 10 MΩ or more
Structure	IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure) [1]
Weight	1.3 kg (2.87 lb) or less
External Dimensions	273 x 203 x 47 mm (10.75 x 7.99 x 1.85 in)
Panel Cut-Out Dimensions	255 x 185 mm (10.04 x 7.28 in)[2] Panel thickness area: 1.6...5 mm (0.06...0.2 in)[2]
Warranty	Two (2) years

1 For dimensional tolerance, everything +1/-0 mm (+0.04/-0 in) and R in angle are below R3 (R0.12 in)
2 Even if the installation wall thickness is within the recommended range for the "Panel Cut Dimensions", depending on wall's material, size, and installation location of this product and other

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External Dimensions

Ordering Information

Model Number	Description
PFXST6500WAD	10.1"W Basic HMI 10.1"W 1024 x 600 pixel 16M colors display with analog signal touch panel, Ethernet(RJ45) x 2, USB Host, 24VDC, Serial Ports (COM 1 & 2) USB ports

Panel Cut-Out Dimensions

Panel Cut Out	A	B	C
10.1" Wide	255 ±0.7 mm (10.04 ±0.03 in.)	188 ±0.4 mm (7.28 ±0.02 in.)	1.6 to 5 mm (0.06 to 0.2 in.)

Options

Part Number	Description
PFXZCIAFTF1	Installation fastener (2 pieces/set).
PFXZCIWG103	Installation Gasket
CA5-DCCNM-01	Connector to connect DC power supply cables.
PFXZCIDS102	Disposable, dirt-resistant sheet for the display (5 sheets/set) for STW-6500WA.
FP-US00	Connects a USB device.
CA5-USBEXT-01	Extension cable that attaches USB interface to front panel.
PFXZCBCLUSA1	Clamp to prevent disconnection of USB cable (USB Type A, 1 port, 5 clamps/set)

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ST-6600WA Basic HMI

Features:
- Aluminum Front Panel
- 16 Million Colors
- Enhanced Cybersecurity
- Easy to Install, No Tools Needed
- Single Touch Analog Display
- 2 Ethernet Ports, Serial Ports, USB

12.1" Wide Basic HMI

ST-6600WA

Model: ST6000 Series

24 Vdc

WXGA TFT | Aluminum Front Panel

c UL us LISTED | CE | CSA | RoHS

BLUE

Performance Specifications

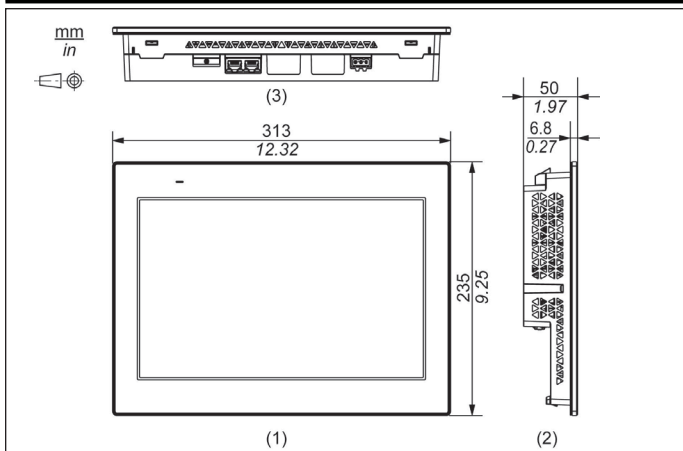|		
Model		ST6600WA
Graphics Display Resolution		WXGA TFT (1,280 x 800 Pixels)
Display Type and Size		TFT Color LCD (12.1-inch) Wide
Display Colors		16 million colors
Touch Panel		Resistive film (analog, single touch)
Effective Display Area		261.12 x 163.2 mm (10.28 x 6.43 in)
ToucPanel Resolution		1024 x 1024
Backlight		Backlight White LED (Not user replaceable. When replacement is required, contact customer support.)
Backlight Service Life		50,000 hours or more (continuous operation at 25 °C [77 °F] before backlight brightness decreases to 25%)
Brightness Control		16 levels (Adjusted with touch panel or software)
Interface	USB (Type A)	Connector: USB 2.0 (Type A) x 1, Power supply voltage: 5 Vdc ±5 %, Maximum current supplied: 500 mA, Communication distance: 5 m [16.4 ft.]
	USB (Type - microB)	Conforms to USB 2.0 (micro-B) x 1, Maximum transmission distance : 5 m [16.4 ft]
	Ethernet	IEEE802.3i/IEEE802.3u, 10BASE-T/100BASE-TX, Connector: Modular jack (RJ-45) x 2
	Serial (COM1)	Asynchronous Transmission: RS-232C, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)
	Serial (COM2)	Asynchronous Transmission: RS-422/485, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)

General Specifications

Model	ST6600WA
Input Voltage	Rated Input Voltage: 24 Vdc / Input Voltage Limits: 19.2 to 28.8 Vdc
Power Consumption	15 W or less when power is not supplied to devices via fron USB, 5.9 W or less when screen turns off the backlight (standby mode) (Max 18.4 W)
In-Rush Current	30 A or less
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Shock Resistance	IEC/EN 61131-2 compliant 147 m/s2, X, Y, Z directions for 3 times
Certifications	UL 61010-2-201 and CSA C22.2 No61010-2-201, KC KN1, KN61000-6-2, RCM EN61000-6-4, CE EN 61131-2, EN61000-6-4, EN61000-6-2, RoHS, REACH Regulation EC 1907/2006, WEEE Directive 2012/19/EU
OperatingTemperature	0 to 50 °C (32 to 122 °F)
Voltage Drop	10 ms or less
Corrosive Gas	Free of corrosive gases
Pollution Degree	For use in pollution degree 2 environment
Cooling method	Natural air circulation
Dust	0.1 mg/m3 (10-7 oz/ft3) or less (non-conductive levels)
Voltage Endurance	1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)
Vibration Resistance	IEC/EN 61131-2 compliant, 5 to 9 Hz single amplitude 3.5 mm [0.14 in.], 9 to 150 Hz fixed acceleration: 9.8 m/s2, X, Y, Z directions for 10 cycles (approx. 100 min.)
Insulation Resistance	500 Vdc, 10 MΩ or more
Structure	IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure) [1]
Weight	1.8 kg (3.97 lb) or less
External Dimensions	313 x 235 x 50 mm (12.32 x 9.25 x 1.97 in)
Panel Cut-Out Dimensions	295 x 217 mm (11.61 x 8.54 in)[2] Panel thickness area: 1.6...5 mm (0.06...0.2 in)[2]
Warranty	Two (2) years

1 For dimensional tolerance, everything +1/-0 mm (+0.04/-0 in) and R in angle are below R3 (R0.12 in)
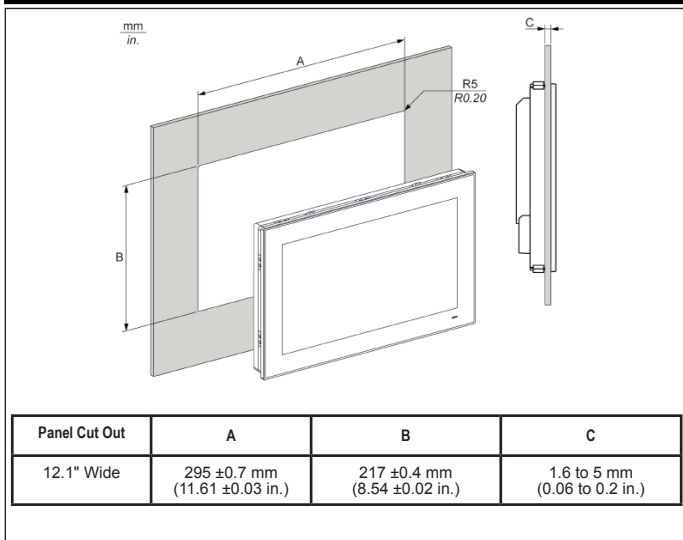2 Even if the installation wall thickness is within the recommended range for the "Panel Cut Dimensions", depending on wall's material, size, and installation location of this product and other

External Dimensions

mm
in

50
1.97

6.8
0.27

313
12.32

235
9.25

(1)   (2)   (3)

Panel Cut-Out Dimensions

mm
in.

C

A

B

R5
R0.20

Panel Cut Out	A	B	C
12.1" Wide	295 ±0.7 mm (11.61 ±0.03 in.)	217 ±0.4 mm (8.54 ±0.02 in.)	1.6 to 5 mm (0.06 to 0.2 in.)

Ordering Information

Model Number	Description
PFXST6600WAD	12.1"W Basic HMI 12.1"W 1280 x 800 pixel 16M colors display with analog signal touch panel, Ethernet(RJ45) x 2, USB Host, 24VDC, Serial Ports (COM 1 & 2) USB ports

Options

Part Number	Description
PFXZCIAFTF1	Installation fastener (2 pieces/set).
PFXZCIWG123	Installation Gasket
CA5-DCCNM-01	Connector to connect DC power supply cables.
PFXZCDDS122	Disposable, dirt-resistant sheet for the display (5 sheets/set) for STW-6600WA.
FP-US00	Connects a USB device.
CA5-USBEXT-01	Extension cable that attaches USB interface to front panel.
PFXZCBCLUSA1	Clamp to prevent disconnection of USB cable (USB Type A, 1 port, 5 clamps/set)

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For more information

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ST-6700WA Basic HMI

Features:
- Aluminum Front Panel
- 16 Million Colors
- Enhanced Cybersecurity
- Easy to Install, No Tools Needed
- Single Touch Analog Display
- 2 Ethernet Ports, Serial Ports, USB

15.6" Wide Basic HMI | 24 Vdc

ST-6700WA

Model: ST6000 Series

FWXGA TFT | Aluminum Front Panel

c UL us LISTED · CE · CSA · Ro

Performance Specifications

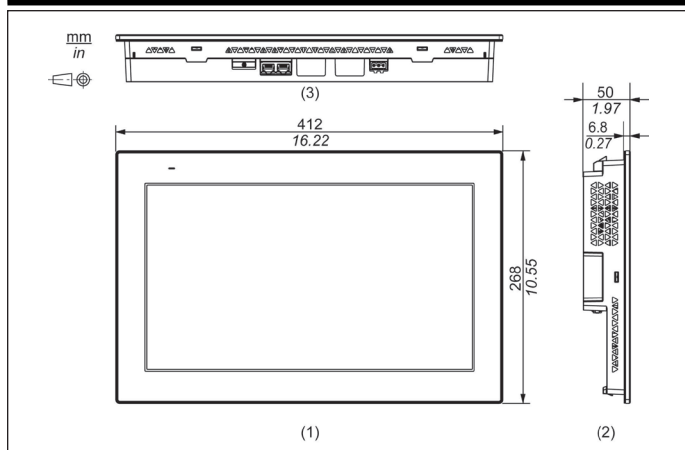|		
Model		ST6700WA
Graphics Display Resolution		FWXGA TFT (1,366 x 768 Pixels)
Display Type and Size		TFT Color LCD (15.6-inch) Wide
Display Colors		16 million colors
Touch Panel		Resistive film (analog, single touch)
Effective Display Area		344.23 x 193.54 mm (13.55 x 7.62 in)
ToucPanel Resolution		1024 x 1024
Backlight		Backlight White LED (Not user replaceable. When replacement is required, contact customer support.)
Backlight Service Life		50,000 hours or more (continuous operation at 25 °C [77 °F] before backlight brightness decreases to 25%)
Brightness Control		16 levels (Adjusted with touch panel or software)
Interface	USB (Type A)	Connector: USB 2.0 (Type A) x 1, Power supply voltage: 5 Vdc ±5 %, Maximum current supplied: 500 mA, Communication distance: 5 m [16.4 ft.]
	USB (Type - microB)	Conforms to USB 2.0 (micro-B) x 1, Maximum transmission distance : 5 m [16.4 ft]
	Ethernet	IEEE802.3i/IEEE802.3u, 10BASE-T/100BASE-TX, Connector: Modular jack (RJ-45) x 2
	Serial (COM1)	Asynchronous Transmission: RS-232C, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)
	Serial (COM2)	Asynchronous Transmission: RS-422/485, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)

General Specifications

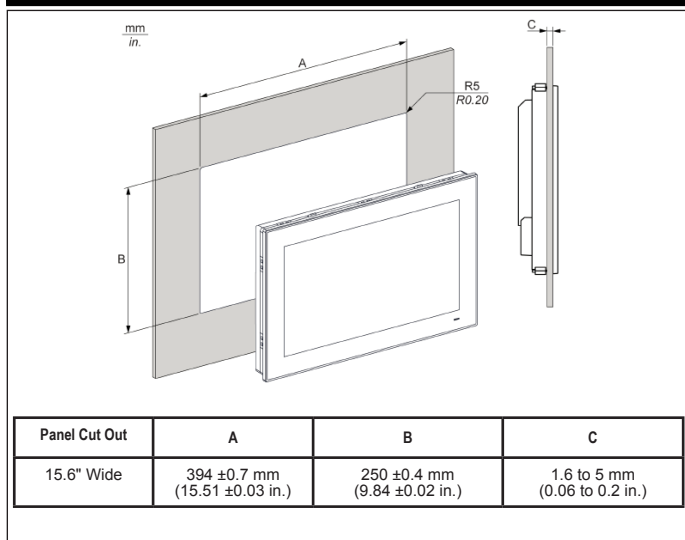|	
Model	ST6700WA
Input Voltage	Rated Input Voltage: 24 Vdc / Input Voltage Limits: 19.2 to 28.8 Vdc
Power Consumption	15 W or less when power is not supplied to devices via fron USB, 5.4 W or less when screen turns off the backlight (standby mode) (Max 18.5 W)
In-Rush Current	30 A or less
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Shock Resistance	IEC/EN 61131-2 compliant 147 m/s2, X, Y, Z directions for 3 times
Certifications	UL 61010-2-201 and CSA C22.2 No61010-2-201, KC KN1, KN61000-6-2, RCM EN61000-6-4, CE EN 61131-2, EN61000-6-4, EN61000-6-2, RoHS, REACH Regulation EC 1907/2006, WEEE Directive 2012/19/EU
Operating Temperature	0 to 50 °C (32 to 122 °F)
Voltage Drop	10 ms or less
Corrosive Gas	Free of corrosive gases
Pollution Degree	For use in pollution degree 2 environment
Cooling method	Natural air circulation
Dust	0.1 mg/m3 (10-7 oz/ft3) or less (non-conductive levels)
Voltage Endurance	1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)
Vibration Resistance	IEC/EN 61131-2 compliant, 5 to 9 Hz single amplitude 3.5 mm [0.14 in.], 9 to 150 Hz fixed acceleration: 9.8 m/s2, X, Y, Z directions for 10 cycles (approx. 100 min.)
Insulation Resistance	500 Vdc, 10 MΩ or more
Structure	IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure) [*1]
Weight	2.7 kg (5.95 lb) or less
External Dimensions	412 x 268 x 50 mm (16.22 x 10.55 x 1.97 in)
Panel Cut-Out Dimensions	394 x 250 mm (15.51 x 9.84 in)[*2] Panel thickness area: 1.6...5 mm (0.06...0.2 in)[*2]
Warranty	Two (2) years

1 For dimensional tolerance, everything +1/-0 mm (+0.04/-0 in) and R in angle are below R3 (R0.12 in)
2 Even if the installation wall thickness is within the recommended range for the "Panel Cut Dimensions", depending on wall's material, size, and installation location of this product and other

External Dimensions

Ordering Information

Model Number	Description
PFXST6700WAD	15.6"W Basic HMI 1366 x 768 pixel 16M colors display with analog signal touch panel, Ethernet(RJ45) x 2, USB Host, 24VDC, Serial Ports (COM 1 & 2) USB ports

Panel Cut-Out Dimensions

Panel Cut Out	A	B	C
15.6" Wide	394 ±0.7 mm (15.51 ±0.03 in.)	250 ±0.4 mm (9.84 ±0.02 in.)	1.6 to 5 mm (0.06 to 0.2 in.)

Options

Part Number	Description
PFXZCIAFTF1	Installation fastener (2 pieces/set).
PFXZCIWG153	Installation Gasket
CA5-DCCNM-01	Connector to connect DC power supply cables.
PFXZCIDS152	Disposable, dirt-resistant sheet for the display (5 sheets/set) for STW-6700WA.
FP-US00	Connects a USB device.
CA5-USBEXT-01	Extension cable that attaches USB interface to front panel.
PFXZCBCLUSA1	Clamp to prevent disconnection of USB cable (USB Type A, 1 port, 5 clamps/set)

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For more information

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