

# Human/Machine Interfaces

Magelis™ ST6 Basic HMI panels

Catalog  
2019



Life Is On

**Schneider**  
Electric



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## Magelis™ ST6 Basic HMI panels

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# Human Machine Interfaces

## Magelis™ ST6 Basic HMI panels

Refined hardware design with improved visualization

Easy to use, connected and secure

### Magelis ST6 Basic HMI panels

Magelis ST6 HMI panels range in size from 4" to 15" and combine exceptional quality with good graphics and stylish design. They offer an improved user experience through an attractive look and feel and intuitiveness powered by EcoStruxure Operator Terminal Expert software.



Magelis ST6 Basic HMI panels

EcoStruxure Machine brings together key technologies for product connectivity and on-premise edge control, and cloud technologies to provide analytics and digital services. EcoStruxure Machine helps you bring more innovation and added value to your customers throughout the entire machine life cycle.

The new Magelis ST6 range meets IIoT challenges at the Connected Products level, by providing secure communication, connectivity, and efficiency to the required software and applications at the Edge control level and thus opening up more business opportunities.



### Refined hardware design

> A perfectly finished appearance : CNC machining, processing, and color coating like a smartphone gives it a high-grade finish



### Visualization

> High-quality screen, high resolution with 16 M colors  
> Improved graphics with truetype fonts, gradient, transparency, and anti-aliasing



Truetype fonts Gradient transparency Anti-aliasing

> Theme and color set for supporting situational awareness



Alarm mode

Day mode

Night mode

+ Attractive aesthetics and visualization for simple machines

## Human Machine Interfaces

Magelis ST6 Basic HMI panels

Refined hardware design with improved visualization

Easy to use, connected and secure

### Easy to install

> Quick mounting without screw driver

- Spring clip for 4" panel (1)



- Tool-free fastener for 7", 10", 12", and 15" panels



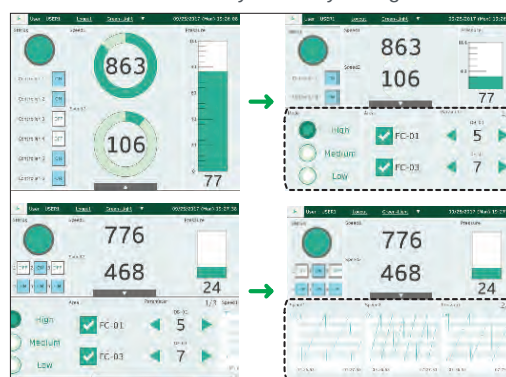
### Easy to use

> With the Multi Screen function, more information can be displayed in a single screen



> With the Layout Objects (Dock Panel) function:

- Several pages can be embedded in one screen and users can navigate in each section independently
- Screens are automatically resized to fit the frame
- Frame sizes can be dynamically changed to show different content



> Electronic manual via QR code for easy in-field maintenance without PC or paper



Enhanced  
Cybersecurity

### Connected and secure

The offer is uniquely positioned in "Connected Products" within the EcoStruxure platform for enhanced cybersecurity.

- > Require admin rights to download projects to HMI target <BuildTime>
- > Logging out OP user after predefined idle time <RunTime>
- > Performing security check during booting <CPU>

(1) This accessory has to be ordered separately.



Magelis ST6 → An HMI adapted for IIoT and cybersecurity

|                         |                           |                                                                                                                |                                            |
|-------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Applications            |                           | Display of text messages, graphic objects, and synoptic views<br>Control and configuration of data             |                                            |
| Type of display module  |                           | Basic HMI panels                                                                                               |                                            |
|                         |                           |                              |                                            |
| Display                 | Touchscreen size          | 4.3"                                                                                                           | 7"                                         |
|                         | Resolution (pixels)       | 480 x 272 pixels, 16 million colors                                                                            | 800 x 480 pixels (WVGA), 16 million colors |
|                         | Type                      | TFT Color LCD, single touch analogue resistive                                                                 |                                            |
| Degree of protection    |                           | IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure) |                                            |
| Functions               | Brightness control        | 16 levels (adjusted with touch panel or software)                                                              |                                            |
|                         | Backlight service life    | 50,000 hrs or more                                                                                             |                                            |
| Memory                  | System memory             | 512 MB Flash EPROM                                                                                             | 1 GB Flash EPROM                           |
|                         | Backup memory             | 512 KB NVRAM                                                                                                   |                                            |
| Dimensions              | External W × H × D mm/in. | 134.5 x 108.5 x 43 / 5.3 x 4.27 x 1.69                                                                         | 208 x 153 x 45 / 8.19 x 6.02 x 1.77        |
|                         | Cut-out W × H mm/in.      | 118.5 x 92.5 / 4.67 x 3.64                                                                                     | 190 x 135 / 7.48 x 5.31                    |
| Weight                  |                           | 0.4 kg / 0.88 lb                                                                                               | 0.8 kg / 1.76 lb                           |
| Supply voltage          |                           | 24 V ---                                                                                                       |                                            |
| Environment             |                           | Ambient air temperature 0...50 °C / 32...122 °F                                                                |                                            |
| Communication           | Asynchronous serial link  | RS-232C/485 (COM1)                                                                                             | RS-232C (COM1), RS-485 (COM2)              |
|                         | USB ports                 | 1x USB 2.0 (Type A), 1x USB 2.0 Micro-B                                                                        |                                            |
|                         | Buses and networks        | 1x Ethernet TCP/IP (10BASE-T/100BASE-TX)                                                                       | 2x Ethernet TCP/IP (10BASE-T/100BASE-TX)   |
| Conformity to standards |                           | CE, UL, RCM, KC                                                                                                |                                            |
| Operating system        |                           | Magelis (800 MHz ARM Cortex-A8 CPU)                                                                            |                                            |
| Development software    |                           | EcoStruxure Operator Terminal Expert                                                                           |                                            |
| Terminal reference      |                           | HMIST6200                                                                                                      | HMIST6400                                  |
| Pages                   |                           | 11                                                                                                             |                                            |

|                                                                                                                |                                              |                                               |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------|
| Display of text messages, graphic objects, and synoptic views<br>Control and configuration of data             |                                              |                                               |
| Basic HMI panels                                                                                               |                                              |                                               |
|                             |                                              |                                               |
| 10.1"                                                                                                          | 12.1"                                        | 15.6"                                         |
| 1,024 x 600 pixels (SVGA), 16 million colors                                                                   | 1,280 x 800 pixels (WXGA), 16 million colors | 1,366 x 768 pixels (FWXGA), 16 million colors |
| TFT Color LCD, single-touch analog resistive                                                                   |                                              |                                               |
| IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure) |                                              |                                               |
| 16 levels (adjusted with touch panel or software)                                                              |                                              |                                               |
| 50,000 hrs or more                                                                                             |                                              |                                               |
| 1 GB Flash EPROM                                                                                               |                                              |                                               |
| 512 KB NVRAM                                                                                                   |                                              |                                               |
| 273 x 203 x 47 / 10.75 x 7.99 x 1.85                                                                           | 313 x 235 x 50 / 12.32 x 9.25 x 1.97         | 412 x 268 x 50 / 16.22 x 10.55 x 1.97         |
| 255 x 185 / 10.04 x 7.28                                                                                       | 295 x 217 / 11.61 x 8.54                     | 394 x 250 / 15.51 x 9.84                      |
| 1.3 kg / 2.87 lb                                                                                               | 1.8 kg / 3.97 lb                             | 2.7 kg / 5.95 lb                              |
| 24 V ---                                                                                                       |                                              |                                               |
| Ambient air temperature 0...50 °C / 32...122 °F                                                                |                                              |                                               |
| RS-232C (COM1), RS-485 (COM2)                                                                                  | RS-232C (COM1), RS-485 (COM2)                | RS-232C (COM1), RS-485 (COM2)                 |
| 1x USB 2.0 (Type A), 1x USB 2.0 Micro-B                                                                        |                                              |                                               |
| 2x Ethernet TCP/IP (10BASE-T/100BASE-TX)                                                                       |                                              |                                               |
| CE, UL, RCM, KC                                                                                                |                                              |                                               |
| Magelis (800 MHz ARM Cortex-A8 CPU)                                                                            |                                              |                                               |
| EcoStruxure Operator Terminal Expert (1)                                                                       |                                              |                                               |
| HMIST6500                                                                                                      | HMIST6600                                    | HMIST6700                                     |
| 11                                                                                                             |                                              |                                               |



|                         |                           |                                                                                                                |                                            |
|-------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Applications            |                           | Display of text messages, graphic objects, and synoptic views<br>Control and configuration of data             |                                            |
| Type of display module  |                           | Basic HMI panels                                                                                               |                                            |
|                         |                           |                              |                                            |
| Display                 | Touchscreen size          | 4.3"                                                                                                           | 7"                                         |
|                         | Resolution (pixels)       | 480 x 272 pixels, 16 million colors                                                                            | 800 x 480 pixels (WVGA), 16 million colors |
|                         | Type                      | TFT Color LCD, single touch analogue resistive                                                                 |                                            |
| Degree of protection    |                           | IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure) |                                            |
| Functions               | Brightness control        | 16 levels (adjusted with touch panel or software)                                                              |                                            |
|                         | Backlight service life    | 50,000 hrs or more                                                                                             |                                            |
| Memory                  | System memory             | 512 MB Flash EPROM                                                                                             | 1 GB Flash EPROM                           |
|                         | Backup memory             | 512 KB NVRAM                                                                                                   |                                            |
| Dimensions              | External W × H × D mm/in. | 134.5 x 108.5 x 43 / 5.3 x 4.27 x 1.69                                                                         | 208 x 153 x 45 / 8.19 x 6.02 x 1.77        |
|                         | Cut-out W × H mm/in.      | 118.5 x 92.5 / 4.67 x 3.64                                                                                     | 190 x 135 / 7.48 x 5.31                    |
| Weight                  |                           | 0.4 kg / 0.88 lb                                                                                               | 0.8 kg / 1.76 lb                           |
| Supply voltage          |                           | 24 V ---                                                                                                       |                                            |
| Environment             |                           | Ambient air temperature 0...50 °C / 32...122 °F                                                                |                                            |
| Communication           | Asynchronous serial link  | RS-232C/485 (COM1)                                                                                             | RS-232C (COM1), RS-485 (COM2)              |
|                         | USB ports                 | 1x USB 2.0 (Type A), 1x USB 2.0 Micro-B                                                                        |                                            |
|                         | Buses and networks        | 1x Ethernet TCP/IP (10BASE-T/100BASE-TX)                                                                       | 2x Ethernet TCP/IP (10BASE-T/100BASE-TX)   |
| Conformity to standards |                           | CE, UL, RCM, KC                                                                                                |                                            |
| Operating system        |                           | Magelis (800 MHz ARM Cortex-A8 CPU)                                                                            |                                            |
| Development software    |                           | EcoStruxure Operator Terminal Expert                                                                           |                                            |
| Terminal reference      |                           | HMIST6200                                                                                                      | HMIST6400                                  |
| Pages                   |                           | 11                                                                                                             |                                            |

|                                                                                                                |                                              |                                               |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------|
| Display of text messages, graphic objects, and synoptic views<br>Control and configuration of data             |                                              |                                               |
| Basic HMI panels                                                                                               |                                              |                                               |
|                             |                                              |                                               |
| 10.1"                                                                                                          | 12.1"                                        | 15.6"                                         |
| 1,024 x 600 pixels (SVGA), 16 million colors                                                                   | 1,280 x 800 pixels (WXGA), 16 million colors | 1,366 x 768 pixels (FWXGA), 16 million colors |
| TFT Color LCD, single-touch analog resistive                                                                   |                                              |                                               |
| IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure) |                                              |                                               |
| 16 levels (adjusted with touch panel or software)                                                              |                                              |                                               |
| 50,000 hrs or more                                                                                             |                                              |                                               |
| 1 GB Flash EPROM                                                                                               |                                              |                                               |
| 512 KB NVRAM                                                                                                   |                                              |                                               |
| 273 x 203 x 47 / 10.75 x 7.99 x 1.85                                                                           | 313 x 235 x 50 / 12.32 x 9.25 x 1.97         | 412 x 268 x 50 / 16.22 x 10.55 x 1.97         |
| 255 x 185 / 10.04 x 7.28                                                                                       | 295 x 217 / 11.61 x 8.54                     | 394 x 250 / 15.51 x 9.84                      |
| 1.3 kg / 2.87 lb                                                                                               | 1.8 kg / 3.97 lb                             | 2.7 kg / 5.95 lb                              |
| 24 V ---                                                                                                       |                                              |                                               |
| Ambient air temperature 0...50 °C / 32...122 °F                                                                |                                              |                                               |
| RS-232C (COM1), RS-485 (COM2)                                                                                  | RS-232C (COM1), RS-485 (COM2)                | RS-232C (COM1), RS-485 (COM2)                 |
| 1x USB 2.0 (Type A), 1x USB 2.0 Micro-B                                                                        |                                              |                                               |
| 2x Ethernet TCP/IP (10BASE-T/100BASE-TX)                                                                       |                                              |                                               |
| CE, UL, RCM, KC                                                                                                |                                              |                                               |
| Magelis (800 MHz ARM Cortex-A8 CPU)                                                                            |                                              |                                               |
| EcoStruxure Operator Terminal Expert (1)                                                                       |                                              |                                               |
| HMIST6500                                                                                                      | HMIST6600                                    | HMIST6700                                     |
| 11                                                                                                             |                                              |                                               |





Magelis HMIST6 color touchscreen terminals in 5 sizes from 4.3" to 15.6"

### Presentation

Magelis ST6 Basic panels offer includes a range of color touchscreen terminals (TFT technology) available in 5 different sizes:

- 4.3"
- 7"
- 10.1"
- 12.1"
- 15.6"

Their efficiency, flexibility, connectivity, and security features makes them suitable for use in food and beverage, HVAC&R, pumping, and packaging applications.

### Environment

The Magelis ST6 Basic panels range has been designed in accordance with numerous standards, certifications, and requirements:

■ Compliance standards:

□ Europe:

- Low Voltage Directive (2014/35/EU), EMC Directive (2014/30/EU), Programmable Controllers: EN 61131-2, EN 61000-6-4, EN 61000-6-2

□ Australia:

- RCM
- EN 61000-6-4

□ Korea

- KC
- KN 11
- KN 61000-6-2

■ Agency certifications:

- Third-party certified standards: Underwriters Laboratories Inc., UL 61010-2-201 and CSA C22.2 No. 61010-2-201, Industrial Control Equipment

■ Operating temperature: up to 50 °C /122 °F

- Degree of protection: IP65F, Type 1, Type 4X (indoor use only), Type 13 (on the front panel when properly installed in an enclosure)

■ Vibration resistance:

- IEC/EN 61131-2 compliant, 5...9 Hz single amplitude 3.5 mm /0.14 in., 9...150 Hz fixed acceleration: 9.8 m/s², X, Y, Z directions for 10 cycles (approximately 100 minutes)

■ Shock resistance

- IEC/EN 61131-2 compliant, 147 m/s², X, Y, Z directions for 3 times

■ Electrical fast transient/burst

- IEC 61000-4-4
- 2 kV: Power port (display unit)
- 1 kV: Signal ports

■ Electrostatic discharge immunity

- Contact discharge method: 6 kV
- Air discharge method: 8 kV (IEC/EN 61000-4-2 Level 3)



EcoStruxure  
Operator Terminal  
Expert



### Software functions

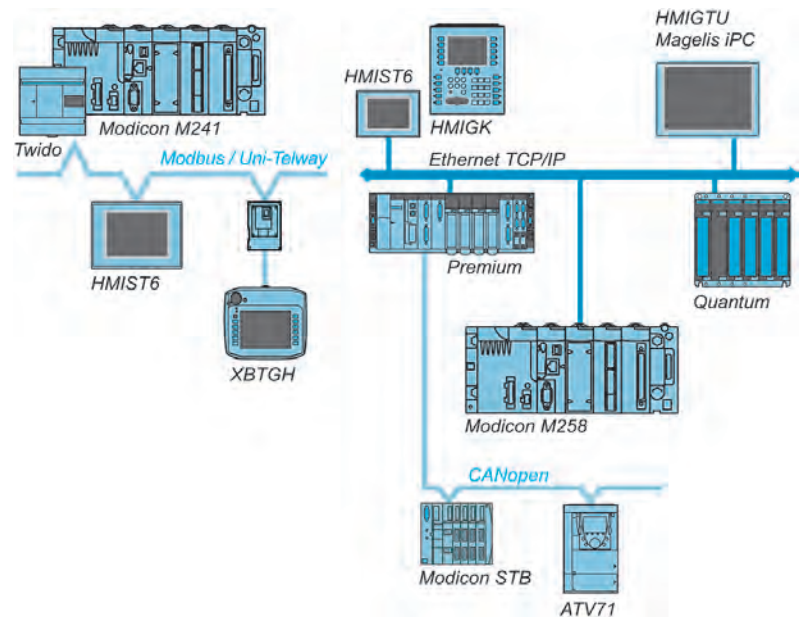
Magelis ST6 panels are configured using EcoStruxure Operator Terminal Expert software. This software and its user interface bring greater ease of use to project development and online updates. EcoStruxure Operator Terminal Expert allows you to create an innovative HMI project that can be operated on Magelis ST6 like a smartphone (2).

Magelis ST6 Basic HMI panels with EcoStruxure Operator Terminal Expert offer the following functions:

- Display of animated synoptic views with 8 types of animation (pressing the touch panel, color changes, filling, movement, rotation, size, visibility, and value display)
- Control, modification of numeric and alphanumeric values
- Display of current date and time
- Real-time and trending curves with log
- Alarm display, alarm log, and management of alarm groups
- Multi-window and recipe management
- Operator-initiated page calls
- Multilingual application management (10 languages at the same time)
- Data processing via Java script
- Storage of the application and logs on external application memory card in SD format, USB stick, or CFast card
- Management of serial printers and barcode readers
- Sound message management

For more information on EcoStruxure Operator Terminal Expert, please refer to the catalog available on our website [www.se.com](http://www.se.com).

### Communication



Magelis ST6 Basic HMI panels communicate with PLCs via one or two integrated serial links, using the following communication protocols:

- Schneider Electric (Uni-TE, Modbus)
- Third-party: Mitsubishi Electric, Omron, Allen-Bradley, and Siemens

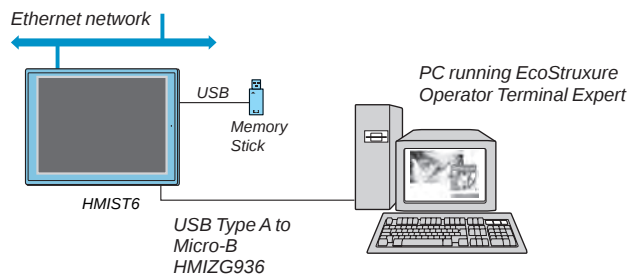
Depending on the model, they can be connected to Ethernet TCP/IP networks using one of the following:

- A Modbus TCP protocol
- An Ethernet TCP/IP protocol
- A third party protocol

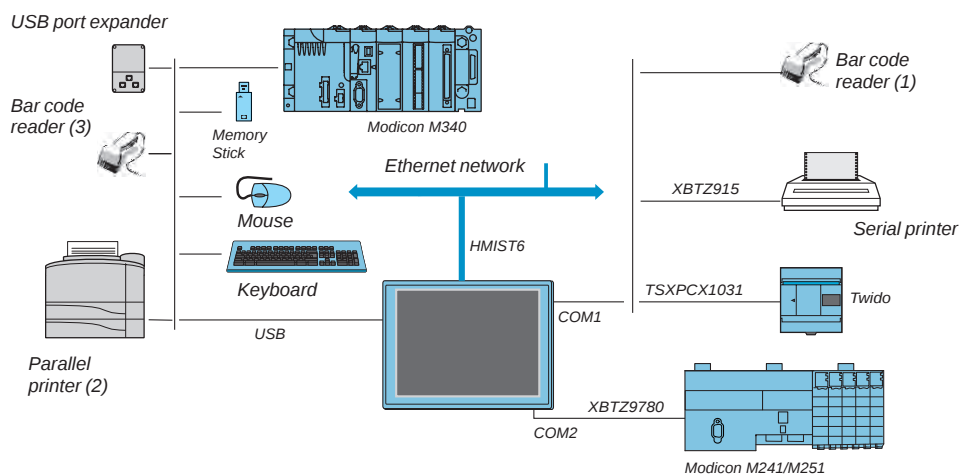
### Panel operating modes

The following illustrations show the equipment that can be connected to Basic HMI panels according to their two operating modes.

#### Edit mode



#### Operating mode



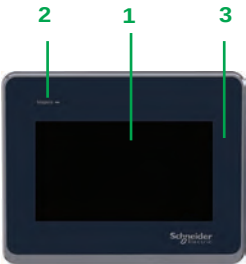
(1) Validated with DataLogic Gryphon bar code reader.

(2) Validated with Hewlett Packard printer via USB/PIO converter.

# Human Machine Interfaces

## Magelis ST6 Basic HMI panels

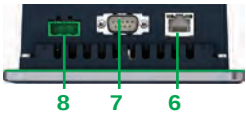
Panels with 4" and 7" touchscreens



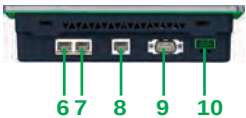
HMIST6 200/400 front view



HMIST6 200/400 top view



HMIST6200 underside view



HMIST6400 underside view



HMIST6 200/400 rear view

### Description

#### Magelis HMIST6 200/400 Basic HMI panels

##### Front view

- 1 Single-touch resistive screen for displaying synoptic views
- 2 Multi-color status indicator (green, orange, and red) showing the panel's operating mode
- 3 Aluminum alloy front panel providing IP 66/67 protection when mounted on panel or enclosure door

#### Magelis HMIST6 200/400 Basic HMI panels

##### Top view

- 4 Battery slot
- 5 Hook to hold panel in position during installation

#### Magelis HMIST6200 Basic HMI panels

##### Underside view

- 6 Ethernet interface (ETH1)
- 7 Serial interface (RJ45, RS-232C/485) (COM1)
- 8 Power plug connector

#### Magelis HMIST6400 Basic HMI panels

##### Underside view

- 6 Ethernet interface (ETH2)
- 7 Ethernet interface (ETH1)
- 8 Serial interface (RJ-45, RS-485) (COM2)
- 9 Serial interface (RS-232C) (COM1)
- 10 Power plug connector

#### Magelis HMIST6 200/400 Basic HMI panels

##### Rear view

- 11 USB (Type A) interface
- 12 USB (Micro-B) interface

# Human Machine Interfaces

## Magelis ST6 Basic HMI panels

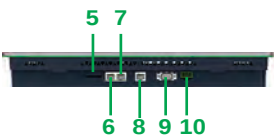
Panels with 10", 12", and 15" touchscreens



HMIST6 500/600/700 front view



HMIST6 500/600/700 top view



HMIST6 500/600/700 underside view



HMIST6 500/600/700 rear view

### Description

#### Magelis HMIST6 500/600/700 Basic HMI panels

##### Front view

- 1 Single-touch resistive screen for displaying synoptic views
- 2 Multi-color status indicator (green, orange, and red) showing the panel's operating mode
- 3 Aluminum alloy front panel providing IP 66/67 protection when mounted on panel or enclosure door

#### Magelis HMIST6 500/600/700 Basic HMI panels

##### Top view

- 4 Hook to hold panel in position during installation

#### Magelis HMIST6 500/600/700 Basic HMI panels

##### Underside view

- 5 Battery slot
- 6 Ethernet interface (ETH2)
- 7 Ethernet interface (ETH1)
- 8 Serial interface (RJ-45, RS-485) (COM2)
- 9 Serial interface (RS-232C) (COM1)
- 10 Power plug connector

#### Magelis HMIST6 500/600/700 Basic HMI panels

##### Rear view

- 11 USB (Type A) interface
- 12 USB (Micro-B) interface



HMIST6400



HMIST6700

## Magelis ST6 Basic HMI panels

| Data entry method | Size    | Resolution (pixels) | Colors            | Application memory   | Number of ports                               | Reference | Weight kg/lb |
|-------------------|---------|---------------------|-------------------|----------------------|-----------------------------------------------|-----------|--------------|
| Via touchscreen   | 4.3" W  | 480 x 272           | 16 million colors | 512 MB (Flash EPROM) | 2x USB<br>1x COM 1<br>1x Ethernet             | HMIST6200 | 0.400/0.880  |
|                   | 7" W    | 800 x 480 WVGA      | 16 million colors | 1 GB (Flash EPROM)   | 2x USB<br>1x COM 1<br>1x COM 2<br>2x Ethernet | HMIST6400 | 0.800/1.760  |
|                   | 10.1" W | 1,024 x 600 WSVGA   | 16 million colors | 1 GB (Flash EPROM)   | 2x USB<br>1x COM 1<br>1x COM 2<br>2x Ethernet | HMIST6500 | 1.300/2.870  |
|                   | 12.1" W | 1,280 x 800 WXGA    | 16 million colors | 1 GB (Flash EPROM)   | 2x USB<br>1x COM 1<br>1x COM 2<br>2x Ethernet | HMIST6600 | 1.800/3.970  |
|                   | 15.6" W | 1,366 x 768 FWXGA   | 16 million colors | 1 GB (Flash EPROM)   | 2x USB<br>1x COM 1<br>1x COM 2<br>2x Ethernet | HMIST6700 | 2.700/5.950  |

## Accessories

| Description                     | Characteristics                                             | Length m/ft | Reference  | Weight kg/lb |
|---------------------------------|-------------------------------------------------------------|-------------|------------|--------------|
| USB panel-mount extension cable | Extension cable for connecting USB interface to front panel | 1/3.28      | HMIZSUSBB2 |              |

## Separate parts (5 sheets/set)

| Description             | Characteristics                                          | Compatible with terminals | Reference | Weight kg/lb |
|-------------------------|----------------------------------------------------------|---------------------------|-----------|--------------|
| Screen protection sheet | Disposable, dirt-resistant sheet                         | HMIST6200                 | HMIZG60W  |              |
|                         | Disposable, dirt-resistant sheet                         | HMIST6400                 | HMIZG63W  |              |
|                         | Disposable, dirt-resistant sheet                         | HMIST6500                 | HMIZG65W1 |              |
|                         | Disposable, dirt-resistant sheet                         | HMIST6600                 | HMIZG66W  |              |
|                         | Disposable, dirt-resistant sheet                         | HMIST6700                 | HMIZG67W  |              |
| Spring clip             | Fasteners to attach this product to the mounting surface | HMIST6200                 | XBTZ3002  |              |

## Spare parts

| Description               | Characteristics                                                                       | Compatible with terminals | Reference          | Weight kg/lb |
|---------------------------|---------------------------------------------------------------------------------------|---------------------------|--------------------|--------------|
| Installation fastener     | Installation fastener                                                                 | HMIST6200                 | HMIZSFIX1<br>(1)   |              |
|                           |                                                                                       | HMIST6400                 | HMIZSFIXTF1<br>(2) |              |
|                           |                                                                                       | HMIST6500                 |                    |              |
|                           |                                                                                       | HMIST6600                 |                    |              |
|                           |                                                                                       | HMIST6700                 |                    |              |
| Installation gasket       | Provides dust and moisture resistance when this product is installed in a solid panel | HMIST6200                 | HMIZS51W1          |              |
|                           |                                                                                       | HMIST6400                 | HMIZS53W1          |              |
|                           |                                                                                       | HMIST6500                 | HMIZS55W1          |              |
|                           |                                                                                       | HMIST6600                 | HMIZS56W1          |              |
|                           |                                                                                       | HMIST6700                 | HMIZS57W1          |              |
| DC power supply Connector | Connector to connect DC power supply cables                                           | All terminals             | XBTZGPW1           |              |
| Replacement battery       | Primary battery for time data backup                                                  | All terminals             | HMIZSBA1           |              |

(1) 2 pieces/set

(2) 2 pieces/set for HMIST6400/HMIST6500/HMIST6600 and 3 pieces/set for HMIST6700



HMIZSFIX1

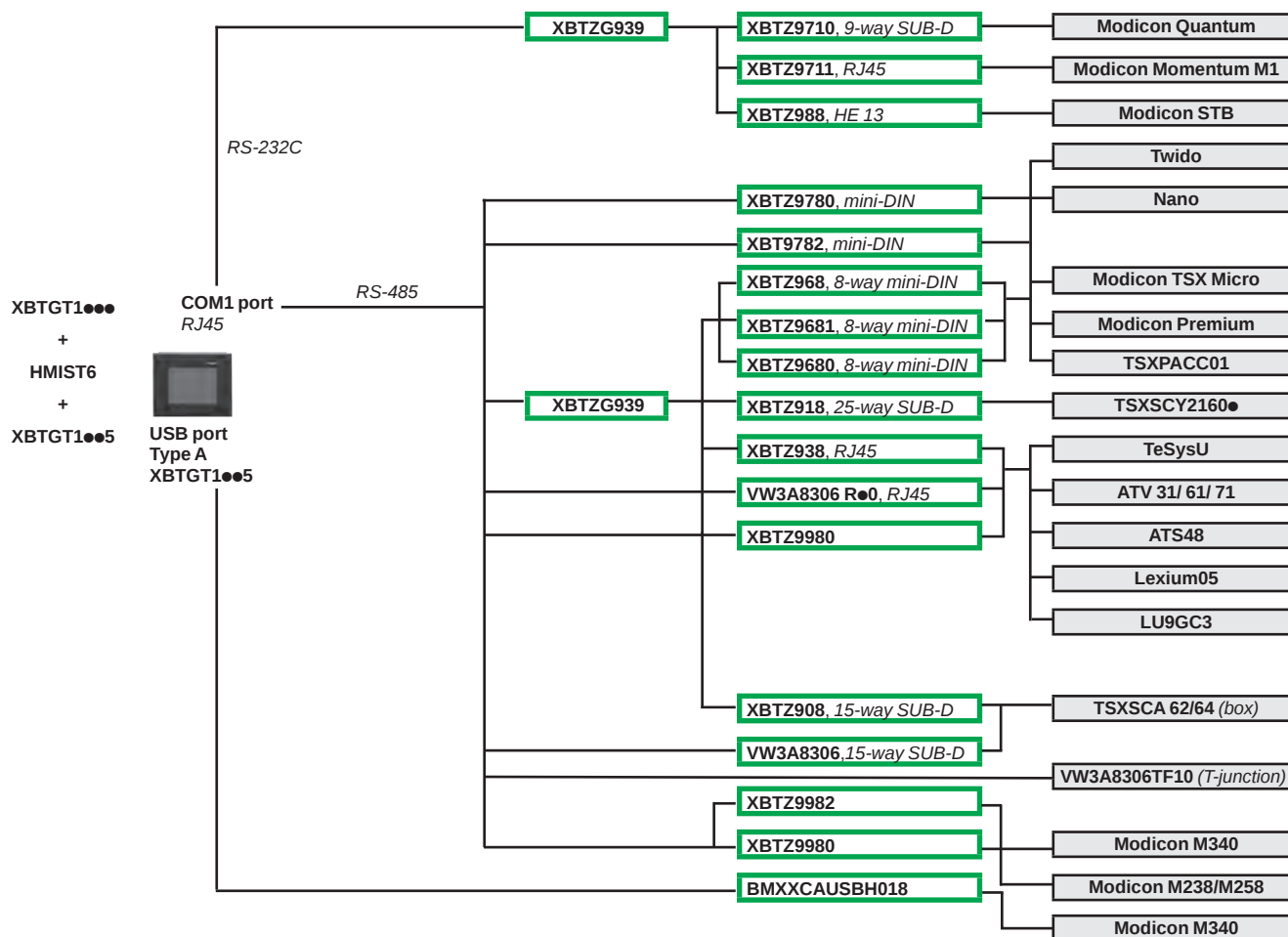


HMIZSFIXTF1

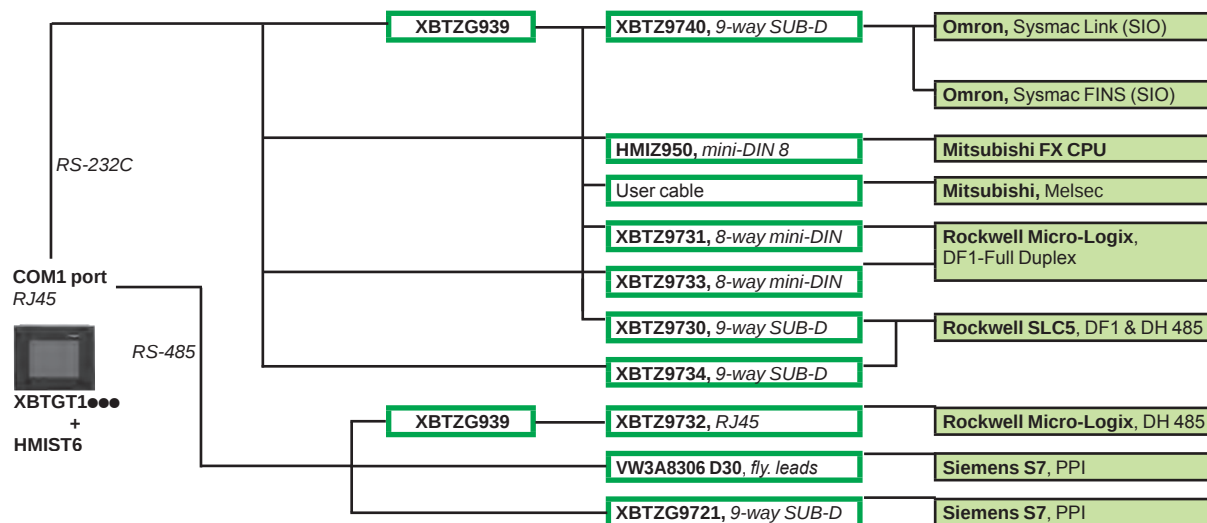


HMIZS53W1

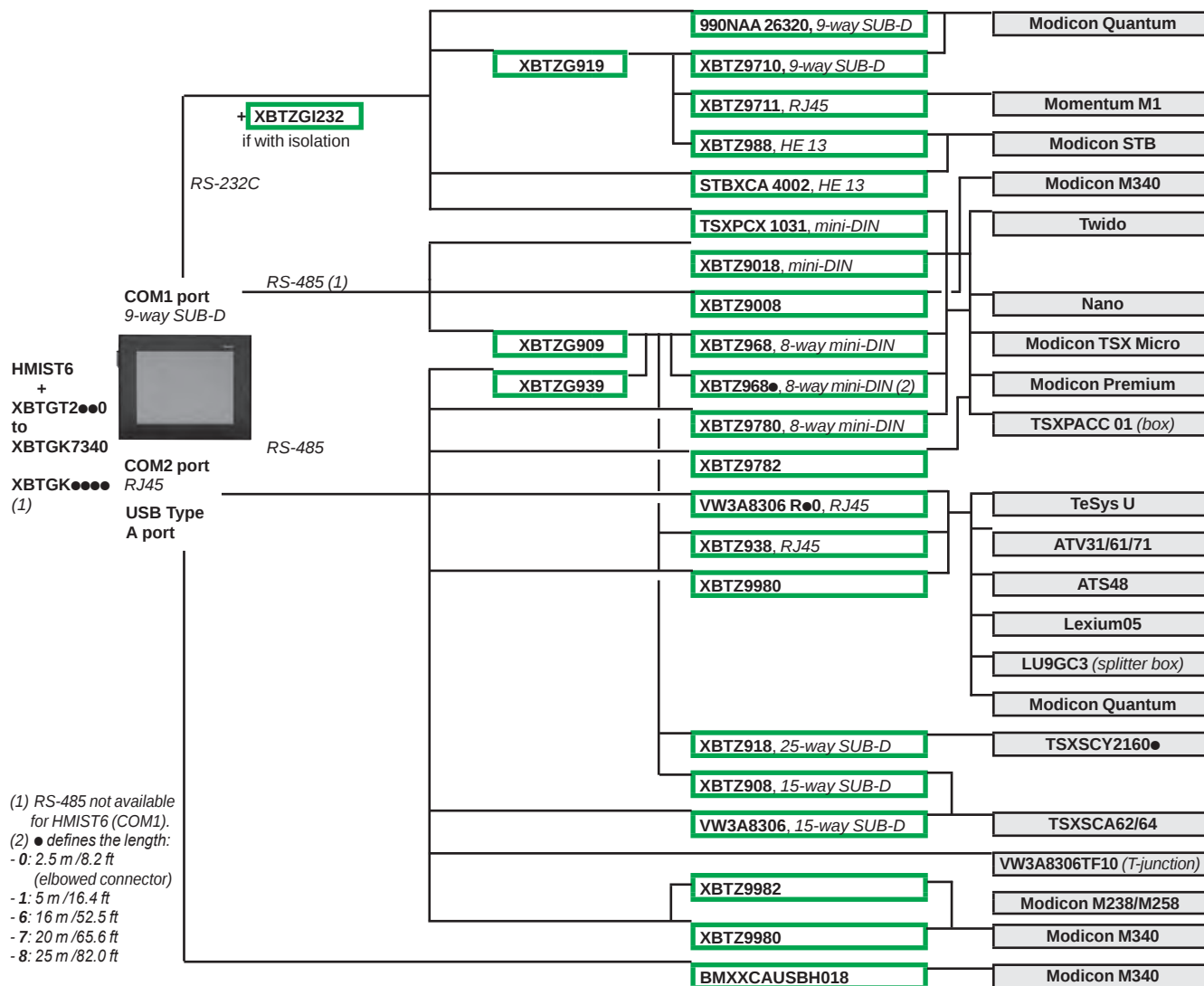
**XBTGT11•5 terminals, HMIST6 terminals, and Schneider Electric products**



**XBTGT11●5 terminals, HMIST6 terminals, and third-party PLCs**

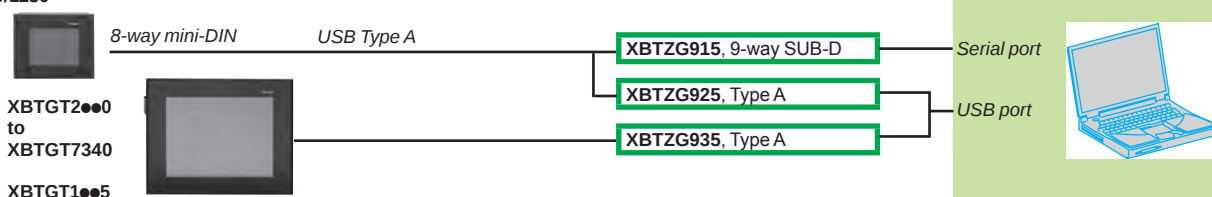


## XBTGT2●●0/GT7340/GK●●●● terminals, HMIST6 terminals, and Schneider Electric products



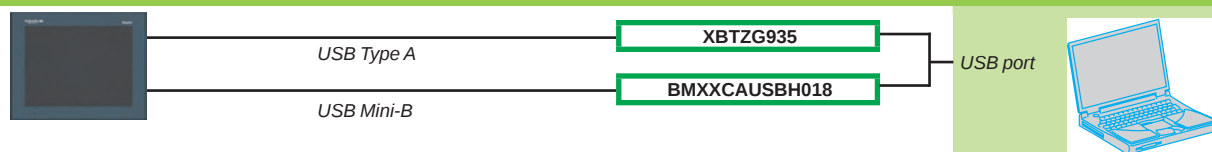
## Application transfer from XBTGT terminals to PC

XBT GT1100/1130



## Application transfer from HMIST6 terminals to PC

HMIST6



(1) RS-422 and RS-425 not available on HMIST6 (COM1).

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