Revolutionary mounting system!

Magelis STU
Colour touch screen graphic terminal, configured by Vijeo Designer

Schneider Electric has revolutionised the way industrial terminals are mounted. Thanks to its “pushbutton” style mounting system, Magelis STU, from the HMI range, fits anywhere on your machines or enclosures.

Tool-free installation
After introducing the spring clip mounting mechanism, Schneider Electric is innovating once again with its 22 diameter standard “pushbutton” mounting system which eliminates the enclosure cut-out.

Optimum visibility
The 3.5” QVGA 65K colour TFT screen is the latest addition to Schneider Electric’s Small Panels offer to enhance your HMI application configured by Vijeo Designer.

Innovative concept
Its modular design gives the Magelis STU a removable screen which can be sized to suit your requirements.

Ease of maintenance
> No batteries required, backlit by an LED
> Removable power connector
> USB memory stick for application downloads
> Remote control with the Web Gate function.
More open communication

In addition to the standard RJ45 serial link, the Magelis STU is the first Small Panel to feature an embedded Ethernet connection for quicker, more extensive communication (via Modbus TCP, Ethernet IP and Profinet protocols to name but a few) offering more services (such as Web Gate and e-mail).

Selection guide

<table>
<thead>
<tr>
<th>Designation</th>
<th>Magelis STU</th>
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<tbody>
<tr>
<td>Screen</td>
<td>3.5”, QVGA resolution, 65K colours, analogue touch panel</td>
</tr>
<tr>
<td>Backlighting</td>
<td>LED, 50,000 hours</td>
</tr>
<tr>
<td>Interfaces</td>
<td>Multiprotocol RS 485/232 RJ45 serial port</td>
</tr>
<tr>
<td></td>
<td>10/100 BaseT RJ45 Ethernet port</td>
</tr>
<tr>
<td></td>
<td>1 mini-USB Device + 1 USB Host V2.0</td>
</tr>
<tr>
<td>Protocols</td>
<td>Modbus, Uni-Telway, Modbus TCP, Siemens PPI-MPI/Profinet,</td>
</tr>
<tr>
<td></td>
<td>Omron Sysmacway/Sysmac Ethernet, Rockwell DF1/DH485/Ethernet IP, Mitsubishi</td>
</tr>
<tr>
<td></td>
<td>Melsec FX/Q/A/TCP-A/TCP-Q</td>
</tr>
<tr>
<td>Memory</td>
<td>Application: 16 MB FLASH/64 KB backup FRAM</td>
</tr>
<tr>
<td>Power supply</td>
<td>24 VDC with removable connector</td>
</tr>
<tr>
<td>External dimensions</td>
<td>Front module</td>
</tr>
<tr>
<td></td>
<td>L98 x H81 x D16</td>
</tr>
<tr>
<td></td>
<td>Connection</td>
</tr>
<tr>
<td></td>
<td>Diam 22</td>
</tr>
<tr>
<td></td>
<td>Rear module</td>
</tr>
<tr>
<td></td>
<td>L118 x H98 x D30</td>
</tr>
<tr>
<td>Product reference</td>
<td>HMI STU 655</td>
</tr>
</tbody>
</table>

Accessories

- USB transfer cable: BMXxCAUSBH018
- Screen protector: HMIZS61
- Mini-USB extension cable: HMIZSUSB
- Serial printer cable: HMIZURS
- Maintenance kit (USB holders, tee, etc.): HMIZSKIT

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Due to possible modifications of standards and equipment, characteristics described in the text and illustrations in this document must be confirmed by Schneider Electric.

Publication: Schneider Electric
Design: pemaco
Printing:
The smallest-ever touch screen terminal!

**Magelis STO**
Touch screen graphic terminal, configured by Vijeo Designer

Schneider Electric’s new range of touch screen Small Panels offers you greater ease of use and efficiency while retaining the inherent features of the HMI range.

**Tool-free installation**
Terminals are mounted easily onto your enclosure using spring clips.

**Exceptionally clear display**
Two monochrome versions are available in three colours - green/orange/red or white/pink/red - for enhanced readability. Several levels of grey, numerous character fonts and Vijeo Designer’s extensive object library all help to provide exceedingly high-quality graphic animations.

**One international software tool**
Available in more than 15 languages, all Vijeo Designer elements are available directly from the demonstration software via a simple download.
Ease of maintenance
- No batteries required, backlit by LEDs
- Removable power connector
- USB memory stick for application downloads

Communication capability
- Standard RJ45 serial port with Modbus protocol and other commercially-available third-party protocols
- 2 USB ports: 1 mini B port for downloading and 1 standard A port for USB memory stick and USB peripherals

Selection guide

<table>
<thead>
<tr>
<th>Description</th>
<th>Magelis STO</th>
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<tbody>
<tr>
<td>Screen</td>
<td>3.4”, 200x80 resolution, monochrome, analogue touch panel</td>
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<tr>
<td>Backlighting</td>
<td>LED 50,000 hours, 3 colours (green/orange/red)</td>
</tr>
<tr>
<td>HMI</td>
<td>Port série RJ45 RS485/232 multiprotocol, 1 miniUSB Device + 1 USB Host V2.0</td>
</tr>
<tr>
<td>Protocols</td>
<td>Modbus, Uni-Telway, Siemens PPI-MPI, Omron Sysmacway Rockwell DF1/DH485, Mitsubishi Melsec FX/Q/A</td>
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<tr>
<td>Memory</td>
<td>Application + Backup: 16 MB FLASH</td>
</tr>
<tr>
<td>Power supply</td>
<td>24 VDC with removable connector</td>
</tr>
<tr>
<td>External dimensions</td>
<td>L113 x H78 x D28</td>
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<tr>
<td>Product references</td>
<td>HMI STO511</td>
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</table>

Accessories

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<tbody>
<tr>
<td>USB transfer cable</td>
<td>BMXXCAUSBH018</td>
</tr>
<tr>
<td>Spring clips</td>
<td>XBTZ3002</td>
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<tr>
<td>Screen protector</td>
<td>HMIIZS60</td>
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<tr>
<td>Mini-USB extension cable</td>
<td>HMIIZSUSBB</td>
</tr>
<tr>
<td>Serial printer cable</td>
<td>HMIIZURS</td>
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