

Terminals and panels
TOUCH57/MT
Display unit



6.19.01

- 17" colour TFT LCD display resolution 1280x1024
- Standard VGA interface, analog D-Sub15
- Analog resistive touch screen
- Communication RS232
- Front panel protection IP 65
- Rack mounting



Basic characteristic

TOUCH57/MT is a 17" display unit with touch screen and RS232 interface. TOUCH57/MT is designed for industrial control system automation and visualisation and can be connected to any processor unit with VGA analog output (resolution 1280x1024 and max refresh rate 75Hz. The display unit requires 12VDC power supply and one serial port for communication between processor unit and touch screen controller. It is essential to touch the screen with fingers, as the top layout of the screen can be damaged while using sharp or hard items.

TOUCH57/MT can be built-in variably into a device or a rack. The front side of the panel with touch screen meets the protection IP65. The panel is mounted with 10 mounting clips into a rectangular hole of specified size.

For the touch panel operation is necessary to install into the processor unit a special driver, which is supplied for operating system Windows 98 or higher. The touched point is analysed and displayed on LCD display as a cursor with synchronous press of the button (this is defined in the SW driver setting).

Technické údaje

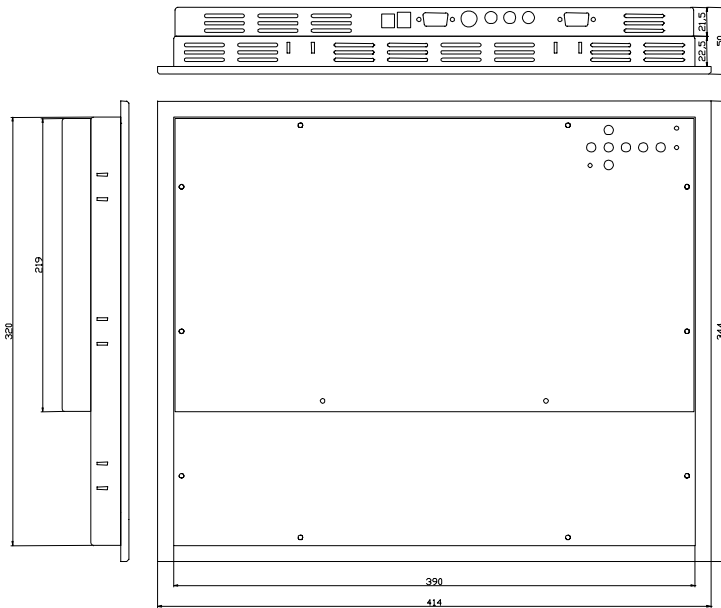
Power supply	12V DC / 3A	Protection	IP 65 front side IP 20 back side
RS232 interface	Signal rate 9600 Bd Parity even Nr of stop bits 1 Nr of data bits 8	Environment	Non air-conditioned, without aggressive gasses and steam
VGA interface	Standard - D-Sub 15 pin	Atmospheric pressure	67 - 104 kPa
Display resolution	1280 x 1024	Relative humidity	20 - 85 %
Framing signal frequency	max. 75 Hz	Ambient temperature	0 - +50°C
Backlight	4 x CCFL	Weight	5,6 kg
Lamp lifetime	50 000 hours	Dimensions W x H x D	414 x 344 x 50 mm
Light intensity	300 cd/m ²	Operating	Continuous
Contrast	500 : 1	Mounting	Into a panel
Observation angle	Horizontal 140° Vertical 140°		
Touch screen	Analog resistant technology		
Durability	1 000 000 presses at a single point		
Surface hardness	Higher than 4H		
Resistance	To drinks, oils, detergents, dissolvent etc.		

Order data

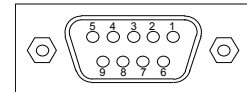
TOUCH57/MT is standardly supplied with VGA and RS232 link cables - length 1.5m. If requested, 230VAC/12VDC adapter and longer link cables can be supplied. If the processor unit does not have any free COM port, USB-RS232 converter can be extra ordered.

Order example: TOUCH57/MT
12VDC adapter
USB - RS232 converter

Dimensions and connectors:

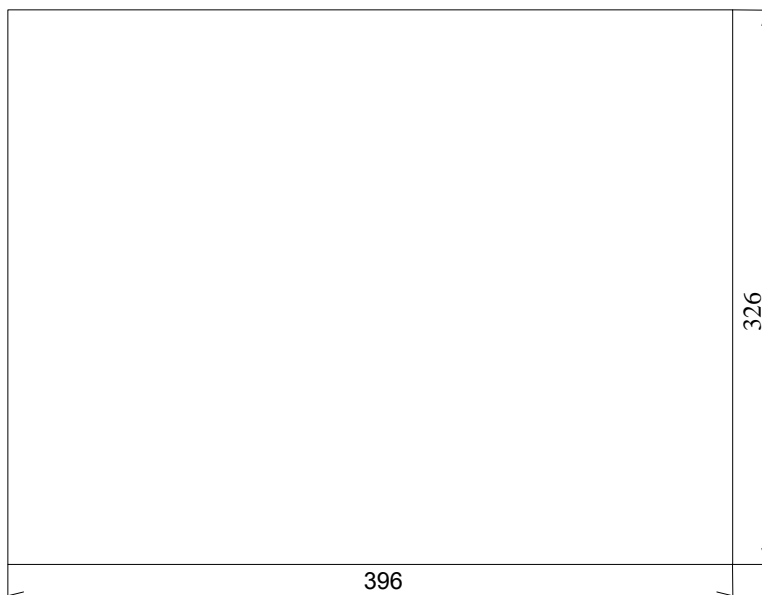


Connector COM

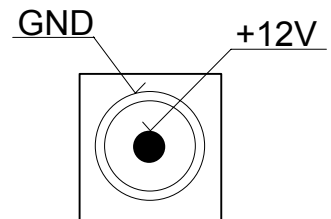


- 1 - NC
- 2 - TxD
- 3 - RxD
- 4 - NC
- 5 - GND
- 6 - NC
- 7 - NC
- 8 - NC
- 9 - NC

Mounting hole dimensions



Supply connector



pin diameter 2,5 mm
sleeve diameter 6 mm
RS232