

Terminals and panels
TOUCH55/MT
Display device



6.18.01

- 15" colour TFT LCD display
1024x768 resolution
- Interface VGA analogue D-Sub15
or DVI
- Touch screen with analogue
resistance technology
- Communication RS232
- The front panel protection IP 65
- Rack mounting



Basic characteristic

TOUCH55/MT is a 15" display unit with touch screen and RS232 interface. TOUCH55/MT is designed for industrial control system automation and visualisation and can be connected to any processor unit with VGA analog output (resolution 1024x768) 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.

TOUCH55/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 8 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).

Operating data

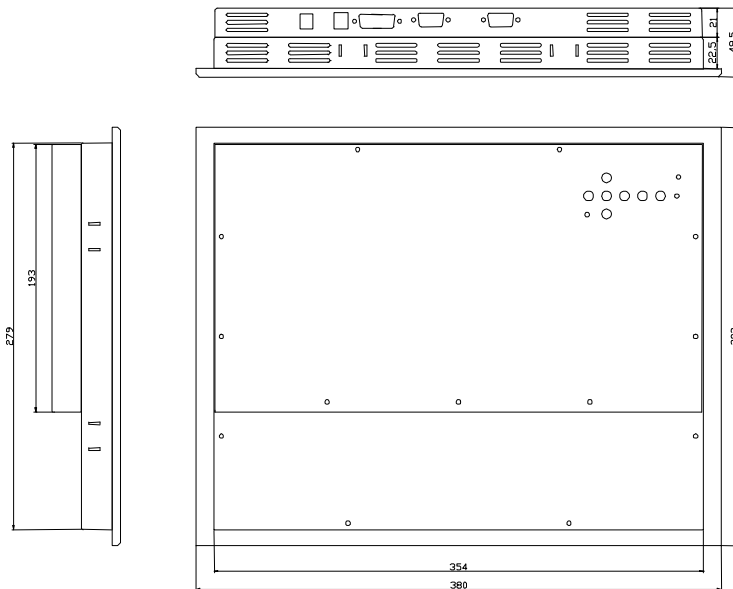
Power supply	12V DC / 1,5A	Protection	IP 65 front side IP 20 back side
Short-circuit protection	Fuse T 2A	Environment	Non air-conditioned, without aggressive gasses and steam
Interface RS232	Signal rate 9600 Bd Parity even Number of stop bits 1 Number of data bits 8	Atmospheric pressure	60 - 104 kPa
Interface VGA	VGA D-Sub 15pin DVI-D 25 pin	Relative humidity	20 - 85 %
Resolution	1024 x 768	Ambient temperature	0 - +50°C
Framing signal frequency	max. 75 Hz	Weight	4,1 kg
Backlight	2 x CCFL	Dimensions W x H x D	380 x 302 x 49,5 mm
Lamp lifetime	50 000 hours.	Operating	Continuous
Light intensity	350 cd/m ²	Mounting	Into a panel
Contrast	400 : 1		
Observation angle	Horizontal 120° Vertical 100°		
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

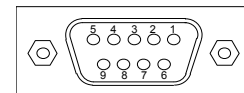
TOUCH55/MT is standardly supplied with VGA and RS232 link cables - length 1.5m. If requested, 230VAC/12VDC adapter and longer link cables can be supplied. If the processor unit does not have any free COM port, USB-RS232 converter can be extra ordered.

Order example: TOUCH55/MT
12VDC adapter
USB - RS232 converter

Dimensions and connectors

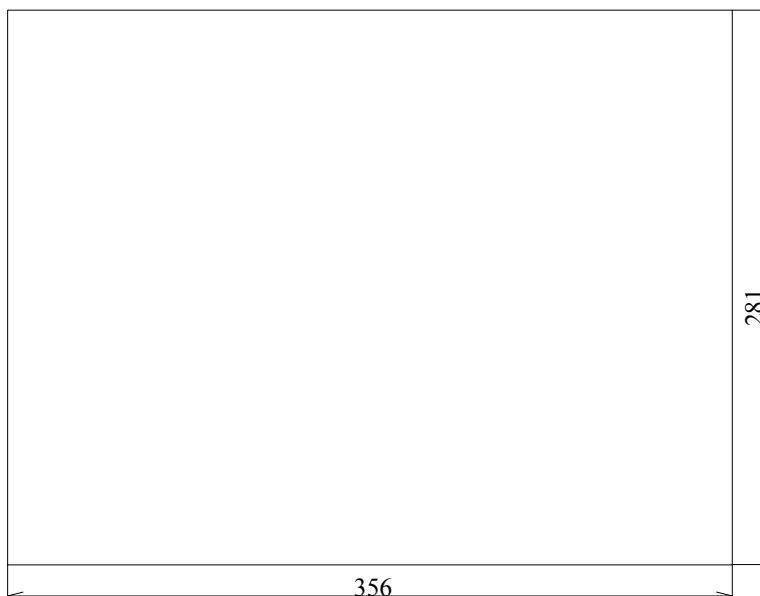


Connector COM

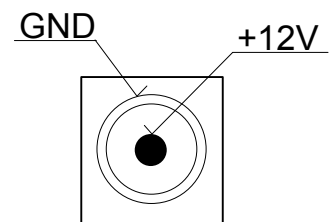


- 1 - NC
- 2 - TxD
- 3 - RxD
- 4 - NC
- 5 - GND
- 6 - NC
- 7 - NC
- 8 - NC
- 9 - NC

Mounting hole dimensions



Supply connector



pin diameter 2,5 mm
sleeve diameter 6 mm
RS232