Control units
TOUCH51.02
Operator panel

SofCon®
AUTOMATIZAČNÍ TECHNIKA

6.13.02

- Operator panel

- 10,4" colour LCD display
  800x600 pixels

- Analog resistive touch screen

- Processor VIA EDEN 667 MHz

- Operating memory 256 MB

- Compact Flash disk 128 MB

- Ethernet 10/100 Mb

- Side-panel protection IP65

- PC104Bus

Basic characteristic

TOUCH51 is operator panel with display and touch panel, intended for mounting into a rack. It is mostly used for visualisation of control systems. It is based on a processor board with a processor VIA EDEN with clock frequency 667 MHz and with integrated peripheries (USB, LAN, graphic card). The unit in basic configuration is fitted with Compact Flash, RAM memory, power supply and colour LCD display with 800x600 pixels resolution and touch panel. The big advantage is the passive cooling of the processor, which warrants high durability in industrial environment.

The unit is standardly supplied with operating system DOS. After fitting with 2,5"HD, the unit can be also supplied with OP WINDOWS (2000, XP). Other programs can be installed using the net or by connecting of external CDROM mechanics in the same way as standard PC. The device was constructed as an electrical device, class III according to EN330600.

Technical data

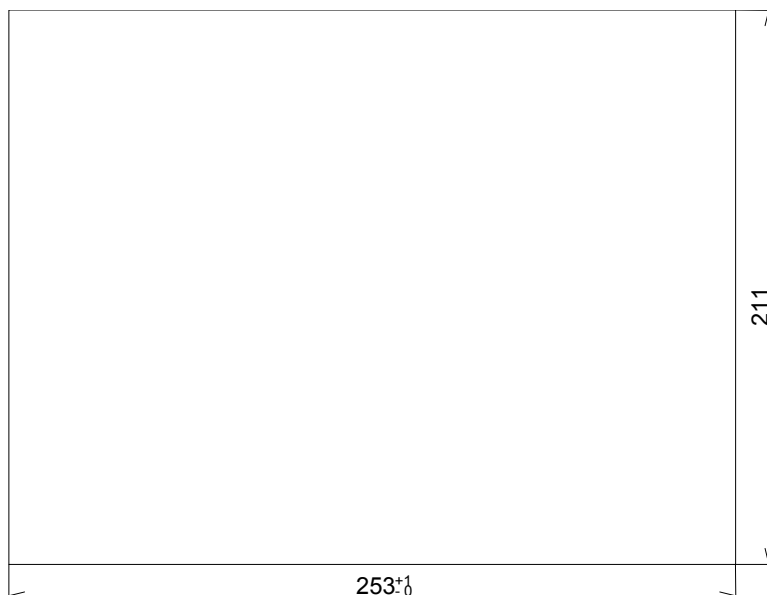|			
Power supply	15-35VDC	**Protection**	IP65 from side-panel
Input	Max. 40W with connected 2,5"HD	**Environment**	Non air-conditioned, with no aggressive gasses and steam
Processor	VIA EDEN / 667MHz	**Ambient temperature**	0 - 50 °C
Operating memory	256 MB	**Mounting**	Horizontal, vertical
Solid state disk	Compact Flash 128 MB	**Atmospheric pressure**	80 - 107 kPa
Operating system	DOS	**Operation**	Continuous
Interface	Centronics (LPT) 2 x RS 232 1 x RS 232/422/485 2 x USB Ethernet Keyboard + mouse (PS2) PC104Bus	**Relative humidity**	40 - 85 %, non condensing
Weight	3 kg	**Dimensions**	273 x 222 x 97mm
Display	LCD 10,4" s 2 x CCFL backlight 800x600 pixels Observation angle horizontal 120° vertical 95° Contrast 180:1 Light intensity 350 cd/m^2 Lamp lifetime 40 000 hours	**Touch panel**	Analog resistive technology, 1 000 000 presses at a single point Surface hardness higher than 4H Resistance to drinks, oils, detergents, dissolvent, alcohol, petrol, acetone etc.

Order data

Standardly is TOUCH51 supplied with processor VIA EDEN / 667MHz, operating memory 256MB RAM, CompactFlafh 128 MB and operating system DOS.

At a special request can be supplied a different configuration, e.g.:
- operating memory 512MB
- 2,5" HD 20GB or CompactFlash of higher capacity
- operating system Windows® 2000 or XP Prof, Home

Dimensions of mounting hole

Panel for peripheries connection