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► Technical System Catalogue Monitor/keyboard unit



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Monitor/keyboard unit



More and more server systems are being installed in IT infrastructures. To be able to operate these systems, it is necessary to incorporate appropriate display and input facilities. The material outlay and space requirements would be enormous, however, if an operator needed to provide every server with its own display and input system. This problem can be solved with modern, compact display and input systems which – in combination with a corresponding switch – make these functions available to several servers.

Monitor/keyboard unit

Monitor/keyboard unit

Comprising the main components:

- TFT monitor 17"
- Keyboard, German or English
- Touchpad

The unit is housed in a pull-out drawer. The monitor can be flipped up and the drawer latches into the end position. This means that the unit only requires 1 U in the 482.6 mm (19") racks. It is mounted on the front and rear 19" mounting angles, and a lock in the front of the drawer provides protection against unauthorised access. When the display is folded down, the unit is automatically switched into standby mode to save energy.

The connection ports are located on the rear of the module on the right-hand side. The cables are connected to the actual drawer via a flexible cable carrier. Optionally, the KVM switch SSC view 8 USB can be mounted at the rear left. A PS/2 connection or USB port is available for the keyboard/mouse connection. Either VGA or DVI can be used for the video signal. A power cable with earth-contact plug is enclosed with the monitor/keyboard unit, as are VGA, USB and PS/2 cables. It is important to use only these original cables.

- 432 mm/17" TFT display
- Physical resolution: 1280 x 1024
- Format: 4 : 3
- Colours: 16.7 million
- Brightness approx. 350 cd/m² (typ.)
- Contrast ratio: approx. 1000 : 1
- Mains voltage: 100 – 240 V, 50 – 60 Hz
- Ambient temperature: +5°C...+45°C (operation)
- Max. power consumption in operation, without optional KVM system: 32 W
- Max. power consumption with closed monitor unit, without optional KVM system: < 1 W
- Rear connections:
 - Mains voltage, VGA, DVI, PS/2, USB, power supply for KVM
- Lockable at the front
- Cables are safely routed in the energy chain



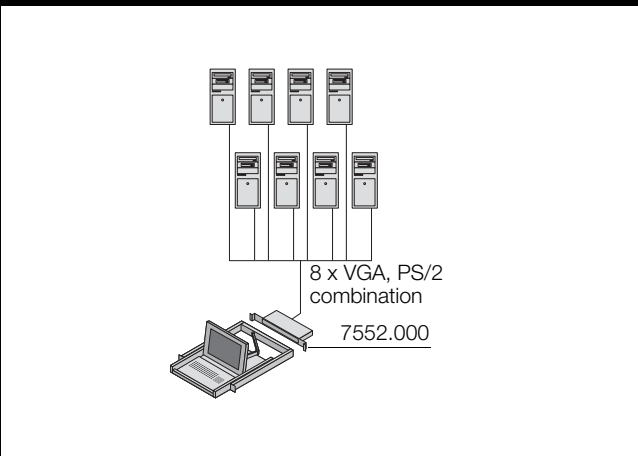
Monitor/keyboard unit accessories: KVM systems



Server Switch Control (SSC) view 8 USB – Connections and options

The Server Switch Control module (SSC) can be used to connect video, keyboard and mouse signals to up to 8 servers. Switching between the servers can be realised by way of a hot key or the OSD menu integrated into the switch. The OSD menu offers functions for convenient operation via the SSC (autoscan, autoskip, etc.).

The SSC view 8 USB module can be mounted behind the monitor/keyboard unit, from which it also takes its power supply. It is possible to use either only PS/2 or only USB for the keyboard and mouse signal. VGA is available for the video signal. These signals are all connected to the monitor/keyboard unit.



KVM switch connection example

The example depicts a monitor/keyboard unit with a Server Switch Control (SSC) view 8 USB module mounted on its rear. This occupies only 1 U of vertical space in the 19" rack and provides for connection to up to 8 servers.

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