

Dual Speed Switch 24V

DESCRIPTION

DUAL SPEED SWITCH 24V, ports high-density and advanced functionalities for a centralized network management.

VLAN. To create groups of users or virtual LANs through the switch ports. The VLAN function allows to delimit the broadcast within a specific group, without affecting the other ports.

On a high traffic network the broadcast often represents a remarkable reduction of the main performances. The VLAN function solves this problem by managing the traffic and increasing the overall performances on the entire network. The port overlap between different VLANs is allowed.

TRUNKING. It allows to group up to 4 ports of the switch in one "virtual port" to create a communication uplink channel up to 400Mbps in half duplex or 800Mbps in full duplex between switches. With this function it is possible to exploit the infrastructure of the existing cabling in Category 5 to carry out high speed backbones that, otherwise, would need more expensive interfaces and technologies. Up to 4 different Trunks can be created on the same switch Load-balancing modes are supported for the Port and MAC address.

SETTING. The switch setting is carried out through a leased parallel port. A Windows® utility allows to setup all the switch functions easily and quickly. It is possible to save the switch current settings in a file or to load a previously saved configuration.



Code: 8E4092

Hardware:

- IEEE802.3 and IEEE802.3u compliant
- 24 ports 10BaseT/100BaseT
- Optional one port SC/ST type or two ports MTRJ/VF45 type fiber module
- Store and Forward technology
- 3 Mega Buffer Memory
- Storage table for 2048 Mac addresses
- Back pressure flow control support at half-duplex mode
- 802.3X Flow control support at full-duplex mode
- 4.8 Gbps switch engine bandwidth at full-duplex mode
- Non-blocking function on all ports
- Max. forwarding speed and/or filtering 148,800 packet/sec.
- Illustrative LEDs for power, link, speed, collisions, half/full duplex management

Software:

- 6 Trunk support (from 2 to 4 ports) up to 800Mbps at full duplex
- Support up to 64 groups VLAN
- Load balancing support to MAC address and port
- SuperMAC and Broadcast Storm support
- Configuration uploading from file
- Configuration downloading on file
- Port Security support for access restrictions to the port

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SWITCHING ENGINE TABLE. It is possible to access the packet switching Database. With this function it is possible to display the status of the used dynamic tables and MAC addresses known by the switch, as well as setting of static entry for a faster packet management.

OPERATING MODE. This switch uses the Store and Forward Technology that guarantees the integrity of the data received on each port. In the event of packets containing corrupted data, these are handled by retransmission before they are sent to the destination port.

Each of the 24 ports supports 10 or 100Mbit/s speed in Autosensing. Speed and half/full-duplex operating mode are automatically detected and selected. If necessary the operating parameters can be manually changed for each port.

LED INDICATORS. A complete set of led indicators placed on the front panel allow to control the general status of the ports.

OPTIONAL MODULES. A slot is available for the installation of an optional module in optic fiber to transform port 1 (or 2) from 100BaseTX to 100BaseFX. The modules are available with ST or SC connector (single port) or MTRJ/VF45 (double port).



Certifications:

- CE Mark, FCC Part 15 Class A, VCCI Class A

Size and Weight:

- Size 440x192x44mm
- Weight 2,5 Kg

Mechanical Features:

- Metal chassis
- 19" rack mounting kit included
- Desktop mounting
- Power Supply 90-240Vac
- Consumption 50 Watt

Operating Features:

- Working temperature: from 5 to 50 °C
- Humidity: between 10% and 90% non-condensing