

LevelOne ProCon Fast Ethernet Switches

LevelOne 16/24/32 Port
10/100 Mbps Fast Ethernet Switch



T E C H N I C A L D A T A

Standard Conformance

- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100Base-TX Fast Ethernet
- IEEE 802.3x Flow control
- ANSI / IEEE 802.3 Nway Auto-negotiation

Ports

- 10/100 Mbps STP RJ45 auto-sensing
- 1 Slot for fiber optic module

Features

- Transmission Mode: Full or half duplex
- Store and forward/filtering at full wire rate on 10 Mbps and 100 Mbps
- Flow-Control: IEEE 802.3x for full-Duplex, backpressure for half duplex
- Auto MDI/MDI-X on each port

MAC Address Size

- FSW-1609TFX: 16K
- FSW-2409TFX: 24K
- FSW-3209TFX: 32K

Buffer Memory Size

- FSW-1609TFX: 4MB per device
- FSW-2409TFX: 1.5MB per device
- FSW-3209TFX: 2MB per device

Module Expansion

- MDU-0122FXT 100Mbps ST Fiber Module
- MDU-0123FXC 100Mbps SC Fiber Module

Physical Characteristics:

- Operating Temperature: 0° – 40° Celsius
- Storage Temperature: -20° - 70° Celsius
- Operating Humidity: 10% - 90% RH
- Storage Humidity: 5% - 90% RH
- Dimensions 440mm x 195mm x 44mm

Data Transfer Rate

- Ethernet: 10Mbps half duplex, 20Mbps full duplex
- Fast Ethernet: 100Mbps half duplex, 200Mbps full duplex

Packet Forwarding Rate

- 10Mbps: 14880pps
- 100Mbps: 148800pps

Network Cable:

- 10Base-T: UTP/STP Cat. 3 or higher, up to 100m
- 100Base-TX: UTP/STP Cat. 5, up to 100m
- 100Base-FX-Multi-mode 62.5/125 micro-fiber optical cable up to 2000m

Diagnostic LEDs:

- System LED: Power
- Port LED: 10/100 Link/Activity, Full-duplex/Collision

Power Requirement:

- 100V to 240V AC, 50~60Hz internal universal power supply

Certifikation

- FCC Class A
- CE Mark
- VCCI Class A

Ordering Information

- FSW-1609TFX 16 Port 10/100Mbps Fast Ethernet Switch
- FSW-2409TFX 24 Port 10/100Mbps Fast Ethernet Switch
- FSW-3209TFX 32 Port 10/100Mbps Fast Ethernet Switch
- MDU-0122FXT 100Mbps ST Fiber Module
- MDU-0123FXC 100Mbps SC Fiber Module