



10/100 Mbps Fast Ethernet Switches Series



Your Global Partner in Data and Voice Communication

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professional

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The Clipsal Datacomms 10/100 Base Switches Series is a simple, high-speed networking solution designed for growing businesses. It's powerful to support your needs and new applications; and provide outstanding network availability, and help ensure access to the network from anywhere. The 10/100 Base Switches Series lets you scale your network as your requirements change.

For the Clipsal Datacomms 5 and 8 port 10/100 Base Switches, the 'Easy to install and use', 'Compact-sized design', and 'Simple Troubleshooting' concepts, provide a very cost effective series which offers 10/100 Mbps auto-negotiating full-duplexing Ethernet ports.

The LEDs on the front panel allow network administrators to inspect the network status and easily diagnose problems. In addition, the 24-port Switch provides MDI auto detection. The 10/100 Base Switches Series help administrators get rid of complicated switching management by providing simple and easy installation and administration.

PRODUCT FEATURES

- Complies with IEEE802.3u, 100Base-TX, IEEE802.3 10Base-T standards.
- 100Base-TX Fast Ethernet Switch.
- 24 port models, Filtering / Forwarding rate for 100Mbps is 148800pps and that for 10Mbps is 14880pps.
- 802.3x full-duplex flow control, half-duplex back-pressure flow-control to prevent packet loss for 16 & 24 ports switches.

CUSTOMER BENEFITS

- In the 24 ports model, users do not have to worry if the cable connected is a straight through or cross over cable.
- By using Store & Forward technology, a faster error recovery rate can be achieved than using cut-through technology.
- Network Bandwidth can be optimised by eliminating erroneous packets through Runt and CRC filtering.



Model: 95ESW16P10/



Model: 95ESW24P10/



Model: 95ESW5P10/ (top)

Model: 95ESW8P10/ (bottom)

TECHNICAL SPECIFICATIONS

Model	95ESW16P10/ Datacomms Buddy	95ESW24P10/ SWU24P10+PA
Standard Compliance	IEEE 802.3 10 Base-T, IEEE 802.3u 100 Base-TX	IEEE 802.3 10 Base-T, IEEE 802.3u 100 Base-TX
Ports	16	24
Network Speed	TP: Auto-Negotiation, 10/20Mbps, 100/200Mbps	TP: Auto-Negotiation, 10/20Mbps, 100/200Mbps
Switching Topology	Store & Forward	Store & Forward
Filtering/ Forwarding Rate	100Mbps: 1488000 packets/second 10Mbps: 14880 packets/second	100Mbps: 1488000 packets/second 10Mbps: 14880 packets/second
MAC entry	8K-entry	4K-entry
LED indicator/port	3 (Link / Act, 100Mbps, FDX / COL)	3 (Link / Act, 100Mbps, FDX / COL)
Data Buffer	32K per port	32K per port
Power Supply	100-240VAC auto-sensing	100-240VAC auto-sensing
Operation Environment	Temperature: 0-50°C (Operating), -30-70°C (Storage) Humidity: 0-90% non condensing (Operating and Storage)	Temperature: 0-50°C (Operating), -30-70°C (Storage) Humidity: 0-90% non condensing (Operating and Storage)
Dimensions (mm)	400 x 172 x 45	400 x 172 x 45
Network Media	100 Base-TX: RJ45 STP/UTP, Category 5 Cable 10 Base-T: RJ45 STP/UTP Category 3-5 Cable	100 Base-TX: RJ45 STP/UTP, Category 5 Cable 10 Base-T: RJ45 STP/UTP Category 3-5 Cable
Certification	FCC class A, CE, CISPR Class A VCCI-I	FCC class A, CE, CISPR Class A VCCI-I
Safety	UL, TUV/GS (EN60950)	UL, TUV/GS (EN60950)

Model	95ESW5P10/ Datacomms Buddy	95ESW8P10/ SWU8P10+PA
Standard Compliance	IEEE 802.3 10 Base-T, IEEE 802.3u 100 Base-TX	IEEE 802.3 10 Base-T, IEEE 802.3u 100 Base-TX
Ports	5-STP	8-STP
LED display	One for Power, Three for Speed Link / Active and FDX / COL per port	One for Power, Three for Speed Link / Active and FDX / COL per port
Dimensions (mm)	171 x 100 x 28	171 x 100 x 28
Power Requirement	7.5VDC, 800mA	7.5VDC, 800mA
Temperature	0-50°C (Operating), -10-70°C (Storage)	0-50°C (Operating), -10-70°C (Storage)
Humidity	10-80% non-condensing (Operating and Storage)	10-80% non-condensing (Operating and Storage)
Emission	FCC class A, CE	FCC class A, CE
Safety	Depends on power adapter	Depends on power adapter

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