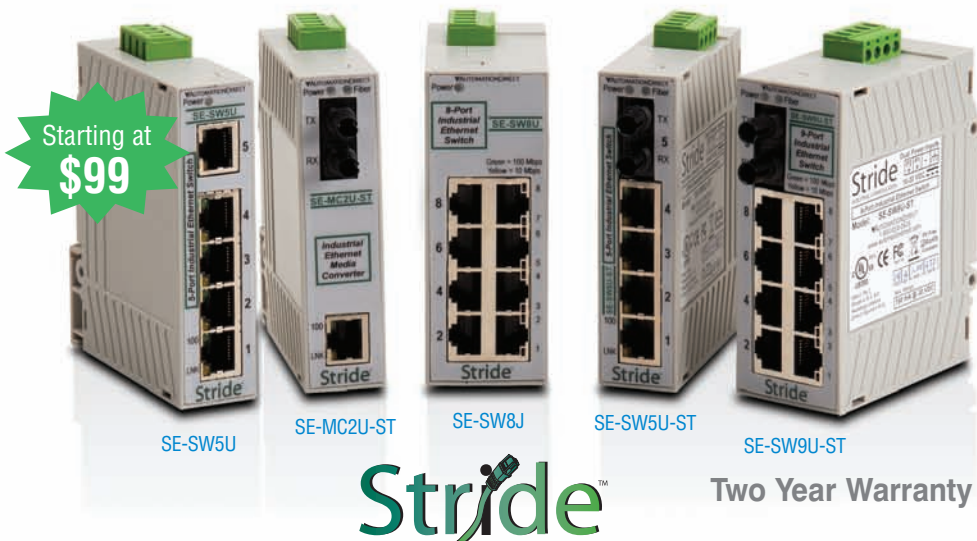


# NEW PRODUCT BULLETIN

from  AUTOMATIONDIRECT.com



## Unmanaged Ethernet Switches and Media Converter



### Features

#### Advanced Hardware

- All 10/100 RJ45 ports are auto-detecting, auto-crossover and auto-polarity
- Redundant power inputs with industrial surge and spike protection
- Optional 100Mbps multimode fiber optic port for distances up to 4km

#### Real-time Performance

- Store and forward wire speed switching
- No delays
- Full-duplex operation with flow control (no collisions!)
- Auto crossover (MDI/MDIX) and auto polarity

#### True Industrial Design

- UL, CSA (CUL), & CE certified
- Hazardous locations rated for Class 1, Div. 2

### Introducing Stride™

Stride is our NEW line of industrial grade unmanaged Ethernet switches and media converters. Designed with our PLC, HMI and drive customers in mind, Stride Ethernet switches are specifically built for industrial environments. With a Stride industrial Ethernet switch on an isolated control LAN, you can reduce data collisions that slow down your network. Install Stride switches and your Ethernet control network will maintain more consistent cycle times even under heavy I/O and data exchange.

### Fiber Optic Support

Stride offers models that support ST type Multimode Fiber Optic connections. Fiber optic cables are immune to electrical and magnetic interference and cannot be damaged by induced voltage transients. Fiber optic cabling not only enhances reliability, it saves time spent tracking down communications problems caused by electrical interference. Fiber also allows much greater network distances.

### Simple Installation

With no user setup required, the Stride switches and media converters will immediately start operating as soon as you power them up and connect them to the network.

### Deterministic Control

The Stride switches automatically determine and remember where each Ethernet device is located and route messages only through the appropriate port. This gives devices on the network an open communications channels and helps mini mizes network loading. Another benefit is the 10/100 autospeed selection that enhances the performance of 10 Megabit Ethernet devices by speeding up their message transmissions to 100 Megabit when they are passed to a faster Ethernet backbone.

### Increased Reliability

The Stride Ethernet switches have been designed for the industrial environment. They will survive extreme temperatures, as well as dirty, unreliable industrial power. Meeting UL 1604 (Class I Div. 2), and the IEC68-2 standard for vibration resilience, the Stride switches will provide years of reliable performance in applications too tough for commercial grade switches.

**For complete specifications and datasheets please visit:**  
[www.automationdirect.com/ethernet](http://www.automationdirect.com/ethernet)



**True Rugged Design:**

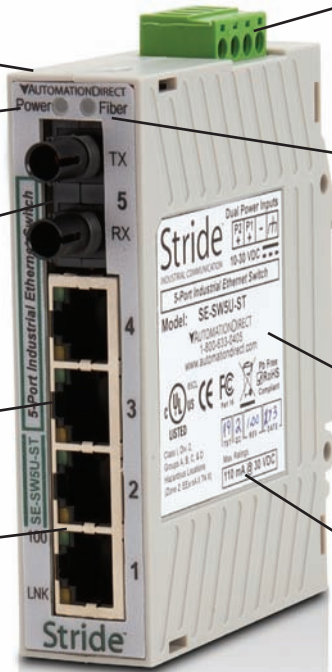
>1,000,000 hour MTBF  
(mean time between failure)

**Power LED** to indicate power on P1 or P2 power inputs

**Fiber Optic Port** on selected models. Multimode fiber optic port with ST type connector that supports half and full duplex with a maximum distance of 4km.

**Activity, Link and Speed LED's** are integrated into the RJ45 ports

**RJ45 Ports** that are fully IEEE 802.3 compliant with 10/100 auto-detecting for speed and duplex (full or half). Auto crossover (MDI/MDIX) automatically supports either straight or crossed cables which greatly reduces cable installation errors.



**Redundant Power Inputs**

Dual power inputs with industrial surge and spike protection to help reduce down time when there is primary power loss. Reverse power protection is also supported.

**Fiber LED** to indicate a proper connection for the ST connectors and network activity

**DIN Rail Mount:**  
Snaps to standard 35 mm x 7.5 mm height DIN rail (EN50022)

**Industrial Temperature Ranges**  
-10 to +60 °C (+14 to +140 °F) operating range temperatures for real world applications, 5 to 95% RH humidity range (non-condensing)

**Agency Approvals:**  
UL1604, CSA C22.2/213 (Class I, Div.2)  
EN50021/EN60079-15

**Industrial Ethernet Switches and Media Converter**

Part Number	Description	Price
<b>SE-SW5U</b>	STRIDE™ Industrial Ethernet Switch with five 10/100BaseT RJ45 Ethernet ports. Redundant power inputs with surge and spike protection. Auto-crossover. DIN rail mounting. Supports store & forward wire speed switching and full-duplex with flow control. UL, CSA (CUL), & CE	\$99
<b>SE-SW8U</b>	STRIDE™ Industrial Ethernet Switch with eight 10/100BaseT RJ45 Ethernet ports. Redundant power inputs with surge and spike protection. Auto-crossover. DIN rail mounting. Supports store & forward wire speed switching and full-duplex with flow control. UL, CSA (CUL), & CE	\$169
<b>SE-SW5U-ST</b>	STRIDE™ Industrial Ethernet Switch with four 10/100BaseT RJ45 Ethernet ports and one 100BaseFX Fiber optic port (ST type multimode fiber connector for links up to 4km). Redundant power inputs with surge and spike protection. Auto-crossover. DIN rail mounting. Supports store & forward wire speed switching and full-duplex with flow control. UL, CSA (CUL), & CE	\$169
<b>SE-SW9U-ST</b>	STRIDE™ Industrial Ethernet Switch with eight 10/100BaseT RJ45 Ethernet ports and one 100BaseFX Fiber optic port (ST type multimode fiber connector for links up to 4km). Redundant power inputs with surge and spike protection. Auto-crossover. DIN rail mounting. Supports store & forward wire speed switching and full-duplex with flow control. UL, CSA (CUL), & CE	\$239
<b>SE-MC2U-ST</b>	STRIDE™ Industrial Ethernet to Fiber Converter with one 10/100BaseT auto-detecting, auto-crossover and auto-polarity RJ45 Ethernet port and one 100BaseFX Fiber optic port (ST type multimode fiber connector for links up to 4km). Redundant power inputs with surge and spike protection. DIN rail mounting. Supports store & forward wire speed switching and full-duplex with flow control. UL, CSA (CUL), & CE	\$159



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