



# Sixnet® SL-8ES-1

## Unmanaged 5-port Industrial Ethernet Switch

Item number: SL-8ES-1

The Sixnet® 8-port Unmanaged Industrial Ethernet Switch is plug and play to help you save time and reduce costs. Ruggedized design is engineered to last and offers superior performance in industrial settings. Get fast, reliable connectivity for your applications through eight 10/100BaseTX RJ-45 ports.



*Plug-and-play 8-port unmanaged Ethernet switch for real-time operation*

## Features and benefits

- ✓ **Real-time operation with ultimate simplicity**  
Deliver fast, real-time deterministic switch operation to your industrial network right out of the box. No complicated setup involved.
- ✓ **Flexible port configuration**  
Eight 10/100BaseTX RJ-45 ports.
- ✓ **High-performing Ethernet ports**  
Unmanaged operation with automatic speed, flow and MDI/MDIX control. Supports full/half duplex operation and auto-polarity correction.
- ✓ **Durable case with IP30 protection**  
Easy to install and built to last. Comes in a durable IP30-rated Lexan case for DIN-rail or direct to panel mounting.
- ✓ **Ideal for light-to-moderate industrial applications**  
Designed for superior performance with surge and spike protected circuitry for trouble-free operation. Ultra-reliable with over 1 million hours MTBF.
- ✓ **LED status monitoring**  
LED indicator lights display Ethernet link connectivity and activity status.
- ✓ **Leading certifications for industrial environments**  
IEEE 802.3 compliance. Suitable for hazardous environments with UL Class I, Division 2 listing and CE and CSA certifications. ABS Type approval for shipboard applications. Operating temperature of -40 °C to 60 °C.
- ✓ **Redundant power inputs**  
Dual redundant power inputs (10-30 VDC).

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General	
Net Weight (g)	296
Packed Weight (g)	296
Operating Temperature °C Min	-40
Operating Temperature °C Max	60
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	5% to 95% (non condensing)
Power Consumption (W)	3
Input Voltage (V)	10-30 VDC
Mounting	DIN rail mount (bracket included)
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	5
Identification and Status	
Product ID	SL-8ES-1
Country of Origin	Taiwan (Province of China)
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99
Physical Features	
SD Card Slot	No

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## Physical Features

Flash Drive	No
Contains Battery	No

## Certifications and Standards

Protection Class IP	IP30
RoHS Compliant	Yes
CE	Yes
FCC	Yes
UKCA	No
UL	Yes
ATEX	Yes
DNV	No
KC	No
Mean Time Before Failure (MTBF)	>1 million
Vibration and Shock	Shock: IEC60068-2-6; Vibration: IEC60068-2-6