

## Sixnet<sup>®</sup> SL-8ES-1 Unmanaged 5-port Industrial Ethernet Switch

Item number: SL-8ES-1

The Sixnet<sup>®</sup> 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.
- ✓ **High-performing Ethernet ports**  
Unmanaged operation with automatic speed, flow and MDI/MDIX control. Supports full/half duplex operation and auto-polarity correction.
- ✓ **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.
- ✓ **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.
- ✓ **Flexible port configuration**  
Eight 10/100BaseTX RJ-45 ports.
- ✓ **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.
- ✓ **LED status monitoring**  
LED indicator lights display Ethernet link connectivity and activity status
- ✓ **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 |