

## Sixnet<sup>®</sup> SLX-5ES-3SC Unmanaged 5-port Industrial Ethernet Switch

Item number: SLX-5ES-3SC

The Sixnet<sup>®</sup> 5-port Unmanaged Industrial Ethernet Switch is plug and play to help you save time and reduce costs. Ruggedized, hardened design is engineered to last and offers superior performance in harsh industrial settings. Get fast, reliable connectivity for your applications through four 10/100BaseTX RJ-45 ports and one 100BaseFX singlemode 20km fiber port with SC connectors.



*Plug-and-play 5-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 85 °C.
- ✓ **Flexible port configuration**  
Connect devices to up to 5 ports, including four 10/100BaseTX copper ports and one 100BaseFX singlemode 20km fiber port with SC connectors.
- ✓ **Durable case with IP40 protection**  
Easy to install and built to last. Comes in a durable IP40-rated aluminum 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)                    | 317.5144                          |
| Packed Weight (g)                 | 635.5144                          |
| Operating Temperature °C Min      | -40                               |
| Operating Temperature °C Max      | 85                                |
| Storage Temperature °C Min        | -40                               |
| Storage Temperature °C Max        | 85                                |
| Relative Humidity                 | 5% to 95% (non condensing)        |
| Power Consumption (W)             | 0                                 |
| Input Voltage (V)                 | 10-30 VDC                         |
| Maximum Installation Altitude (m) | 9144                              |
| Mounting                          | DIN rail mount (bracket included) |
| Housing Materials                 | Aluminium                         |
| Packaging Material                | Cardboard                         |
| Warranty (years)                  | 5                                 |

## Identification and Status

|   |                            |
|---|----------------------------|
| Product ID                                  | SLX-5ES-3SC                |
| Country of Origin                           | Taiwan (Province of China) |
| HS Code                                     | 8517620000                 |
| Dual Usage                                  | No                         |
| Export Control Classification Number (ECCN) | EAR99                      |

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## Physical Features

|                  |    |
|------------------|----|
| SD Card Slot     | No |
| Flash Drive      | No |
| Contains Battery | No |

## Certifications and Standards

|                                 |  |
|---------------------------------|--|
| Protection Class IP             | IP40   |
| 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 |