



# Sixnet® SL-2ES-3SC

## Industrial 2-port Industrial Ethernet Media Converter

Item number: SL-2ES-3SC

The Sixnet® 2-port Industrial Ethernet Media Converter enables fast performance for real-time operation. This rugged converter provides superior reliability and requires no user setup. One 10/100BaseTX RJ-45 ports and one 100BaseFX singlemode 20km fiber port with SC connectors.



*Copper to fiber media converter for real-time industrial operation*

## Features and benefits

- ✓ **Bridge connectivity for simple, real-time operation**  
Deliver fast, real-time converter operation to your industrial network right out of the box. No complicated setup involved.
- ✓ **High-performing Ethernet ports**  
Unmanaged operation with automatic speed and MDI/MDIX control. Supports full/half duplex operation.
- ✓ **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 -10 °C to 60 °C.
- ✓ **Two ports with copper and fiber capability**  
Connect devices to one 10/100BaseTX copper port and one 100BaseFX singlemode 20km fibers ports with SC connectors
- ✓ **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)               | 204.1164                          |
| Packed Weight (g)            | 204.1164                          |
| Operating Temperature °C Min | -10                               |
| 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)        | 0                                 |
| 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-2ES-3SC                        |
| Country of Origin            | Taiwan (Province of China)        |
| HS Code                      | 8517620000                        |
| Dual Usage                   | No                                |
| Physical Features            |                                   |
| SD Card Slot                 | No                                |
| Flash Drive                  | No                                |

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## Physical Features

|                  |    |
|------------------|----|
| 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             | Vibration: IEC60068-2-6 |