



Sixnet® SLX-6ES-4ST

Unmanaged 6-port Industrial Ethernet Switch

Item number: SLX-6ES-4ST

The Sixnet® 6-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 two 100BaseFX multimode 4km fiber ports with ST connectors.



Plug-and-play 6-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 6 ports, including four 10/100BaseTX copper ports and two 100BaseFX multimode 4km fiber ports with ST 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)	385.5532
Packed Weight (g)	385.5532
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-6ES-4ST
Country of Origin	Taiwan (Province of China)
HS Code	8517620000
Dual Usage	No
Physical Features	
SD Card Slot	No

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Physical Features

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: IEC 60068-2-6 and -27; Vibration: IEC 60068-2-6 and -27