



Sixnet® SL-6ES-5ST

Unmanaged 6-port Industrial Ethernet Switch

Item number: SL-6ES-5ST

The Sixnet® 6-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 four 10/100BaseTX RJ-45 ports and two 100BaseFX singlemode 20km 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 TD/RD auto-polarity.

✓ 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

Connect devices to up to 6 ports, including 4 fast 10/100BaseTX copper ports and 2 noise-immune 100BaseFX singlemode 20km fiber ports with ST 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)	272.1552
Packed Weight (g)	272.1552
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)	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-6ES-5ST
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
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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: IEC60068-2-27; Vibration: IEC 60068-2-6 and -27