Unmanaged Compact DIN-rail Switch

NZS05F 5-port 10/100 BASE-TX Industrial Ethernet Switch



Interface

- 5-port 10/100 Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function

Industrial conformance

- 12V to 52V DC, redundant power input
- -40℃ to 80℃ operating temperature
- IP40 Aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Product Overview

NZS05F an hardened 5-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 5-port 10/100/100BASE-TX RJ45 copper interfaces delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40 to 80.

The NZS05F series provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance

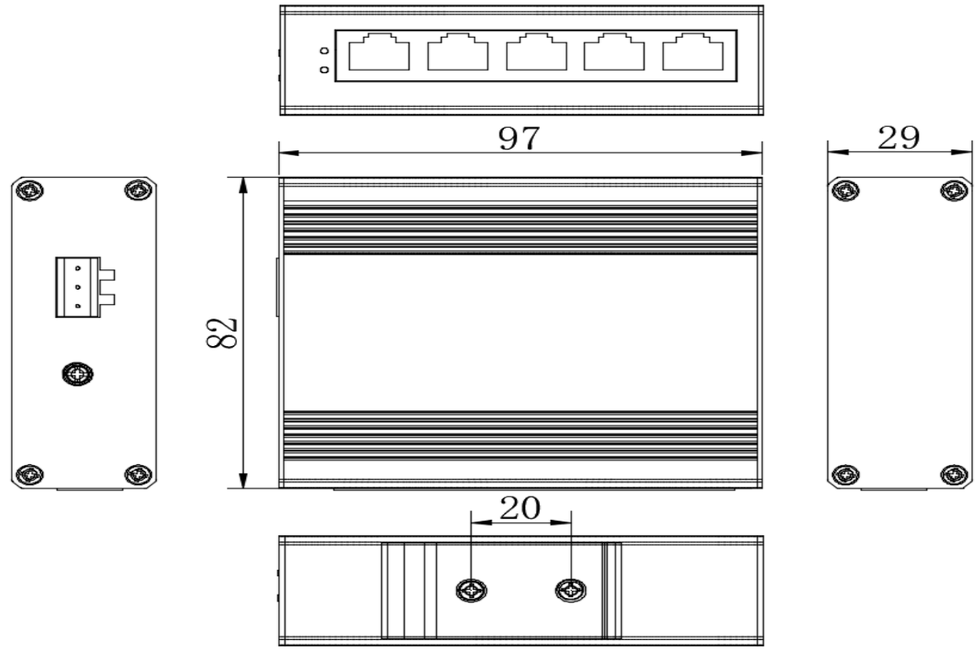
The NZS05F series is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 52V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Technical Specifications

10/100 BASE-TX Port	5 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 1.6Gbps Packet Buffer Memory:1Mbit Packet Forwarding Rate:1.2Mpps MAC Address Table: 2K
Installation	DIN rail
Maximum Frame Size	9000 bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: RedEthernet: YellowPOE: Green
Power Input	12 to 52V DC redundant power
Power Consumption	3 watts max
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3x;

Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz);10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
MTBF	>300,000hours
Dimensions (WxDxH)	97 x 82 x 29 mm
Weight	Product Weight: 0.25KG Packing Weight: 0.35KG
Working Environment	Working temperature: -40 to 80 Storage temperature: -40 to 80 Relative Humidity : 5%~95 % (no condensation)

Dimension



Product Selection

NZS05F	5-Port RJ45 +1Port RJ-45 uplink Industrial Switch,100Mbps
Power supply (optional)	
NZ5121-DC	DC 12V/1A suitable for non-PoE Industrial switch
NZ5241-DC	DC 24V/1A suitable for non-PoE Industrial switch

Unmanaged Compact DIN-rail Switch

NZS08F 8-port 10/100BASE-TX Industrial Ethernet Switch



Interface

- 8-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function

Industrial conformance

- 12V to 52V DC, redundant power input
- -40℃ to 80℃ operating temperature
- IP40 Aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Product Overview

NZS08F an hardened 5-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 5-port 10/100/100BASE-TX RJ45 copper interfaces delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40 to 80.

The NZS08F series provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

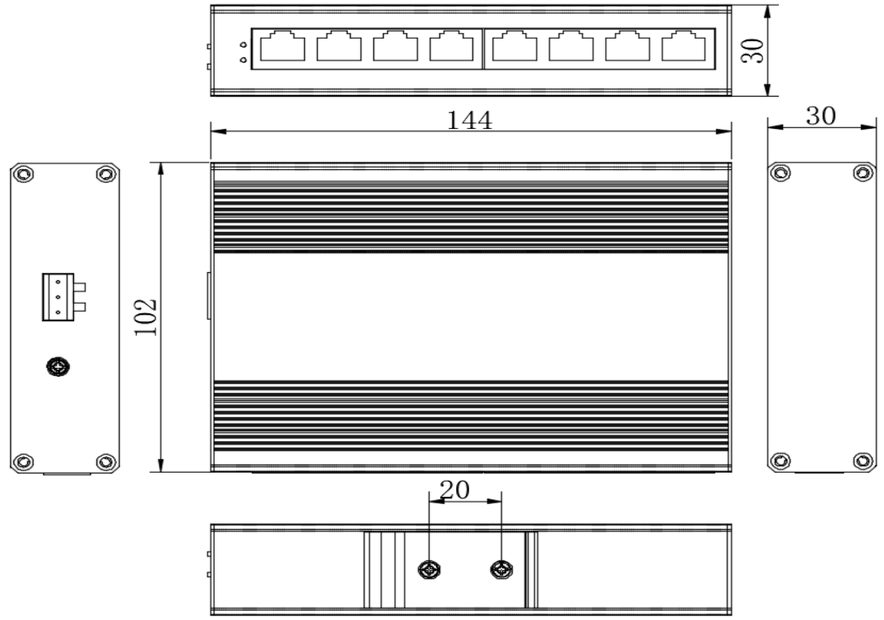
The NZS08F series is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space.It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 52V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Technical Specifications

10/100 BASE-TX Port	8 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 1.6Gbps Packet Buffer Memory:1Mbit Packet Forwarding Rate:1.2Mpps MAC Address Table: 2K
Installation	DIN rail
Maximum Frame Size	9000 bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red Ethernet: Yellow
Power Input	12 to 52V DC redundant power
Power Consumption	5 watts max
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3x;

Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤0meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz);10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
MTBF	>300,000hours
Dimensions (WxDxH)	144 x 102 x 30 mm
Weight	Product Weight: 0.36KG Packing Weight: 0.46KG
Working Environment	Working temperature: -40 to 80 Storage temperature: -40 to 80

Dimension



Product Selection

NZS08F	8-Port RJ45 Industrial Switch,100Mbps
Power supply (optional)	
NZ5121-DC	DC 12V/1A suitable for non-PoE Industrial switch
NZ5241-DC	DC 24V/1A suitable for non-PoE Industrial switch

NZS08F-S

8-port 10/100 BASE-TX Industrial Ethernet Switch



Interface

- 8-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/MDI-X function

Industrial conformance

- 12V to 52V DC, redundant power input
- -40℃ to 80℃ operating temperature
- IP40 Aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Product Overview

The NZS08F-S is an hardened 8-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 8-port 10/100 BASE-TX RJ45 copper interfaces delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40 to +80

The NZS08F-S series provides the flexibility to all kinds of 10/100 Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

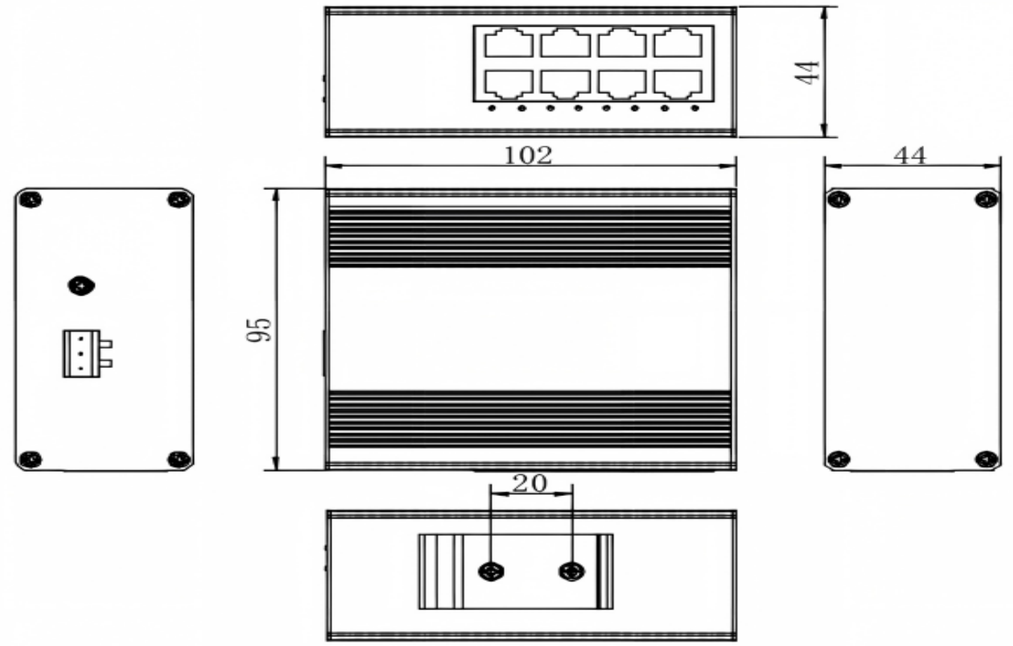
The NZS08F-S series series is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 52V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Technical Specifications

10/100 BASE-TX Port	8 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 16Gbps Packet Buffer Memory:1 Mbit Packet Forwarding Rate:1.2Mpps MAC Address Table: 2K
Installation	DIN rail
Maximum Frame Size	9000 bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red Ethernet: Yellow
Power Input	12 to 52V DC redundant power
Power Consumption	5 watts max
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3x;

Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤10meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV DM ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz);10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
MTBF	>300,000hours
Dimensions (WxDxH)	44x102x95mm
Weight	Product Weight: 0.4KG Packing Weight: 0.5KG
Working Environment	Working temperature: -40 to 80 Storage temperature: -40 to 85

Dimension



Product Selection

NZS08F-S	100 Mbps 8-Port Ethernet Switch, DIN Rail Mount, 12 -52VDC Dual Power Supply, Wide Temperature Range (-40 to 80)
Power supply (optional)	
NZ5121-DC	12V/1A, for Non-PoE Industrial Switch Series.
NZ5241-DC	24V/1A, for Non-PoE Industrial Switch Series.

Unmanaged Compact DIN-rail Switch

NZTS08F-S

8-port 10/100 BASE-TX Industrial Ethernet Switch



Interface

- 8-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/MDI-X function

Industrial conformance

- 12V to 52V DC, redundant power input
- -40℃ to 75℃ operating temperature
- IP40 steel rugged case
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Product Overview

The NZTS08F-S is an industrial Ethernet switch designed for industrial environments, featuring 8 10/100 Mbps adaptive Ethernet ports. It complies with FCC, CE and RoHS standards.

The NZTS08F-S switch supports an operating temperature range of -40 to 80. Boasting exceptional robustness, it can withstand a variety of harsh environments and can be easily installed in compact control cabinets.

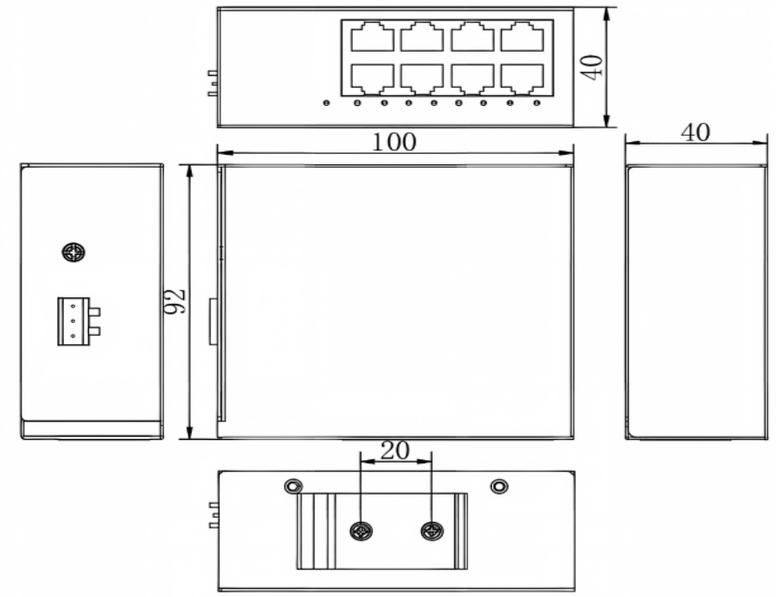
With DIN-rail mounting capability, wide-temperature operation, an IP40-rated enclosure and LED indicators, the NZTS08F-S is a plug-and-play industrial-grade device, delivering a reliable and convenient networking solution for users Ethernet equipment.

Technical Specifications

10/100 BASE-TX Port	8 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 16Gbps Packet Forwarding Rate:11.9Mpps MAC Address Table: 2K Transfer Mode: Store-and-Forward Switching Latency: < 10us
Installation	DIN rail
Enclosure	IP40 steel case
LED Indicator	Power: Red Ethernet: Yellow
Power Input	12 to 52V DC redundant power
Power Consumption	5 watts max
Surge protection	±4KV
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base -T; IEEE802.3x;

Industry Standard	IEC61000-4-2 (ESD): ±6kV (contact), ±8kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±2kV;Data Port: ±1kV IEC61000-4-5 (Surge):CM: ±2kV DM, ±1kV IEC61000-4-6 (CS): 3V (10kHz-150kHz);10V (150kHz-80MHz) IEC61000-4-8 Shock: IEC60068-2-27 Freefall: IEC60068-2-32 Vibration: IEC60068-2-6
MTBF	>300,000hours
Dimensions (WxDxH)	40x92x100mm
Weight	Product Weight: 0.4KG Packing Weight: 0.5KG
Working Environment	Working temperature: -40 to 75 Storage temperature: -40 to 85

Dimension



Product Selection

NZTS08F-S	100Mbps 8-Port Ethernet Switch, DIN Rail Mount, 12- 52VDC Dual Power Supply, Wide Temperature Range (-40 to 75)
Power supply (optional)	
NZ5121-DC	12V/1A, for Non-PoE Industrial Switch Series.
NZ5241-DC	24V/1A, for Non-PoE Industrial Switch Series.
NZ5521-DC	52V/1A, for Industrial Switch Series with 1-port Built-in PoE Power Supply and Non-PoE Industrial Switches.

Unmanaged Compact DIN-rail Switch

NZS05G

5-port 10/100/1000 BASE-TX Industrial Ethernet Switch



Interface

- 5-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function

Industrial conformance

- 12V to 52V DC, redundant power input
- -40℃ to 80℃ operating temperature
- IP40 Aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Product Overview

NZS05G an hardened 5-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 5-port 10/100/1000 BASE-TX RJ45 copper interfaces delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40 to 80.

The NZS05G series provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

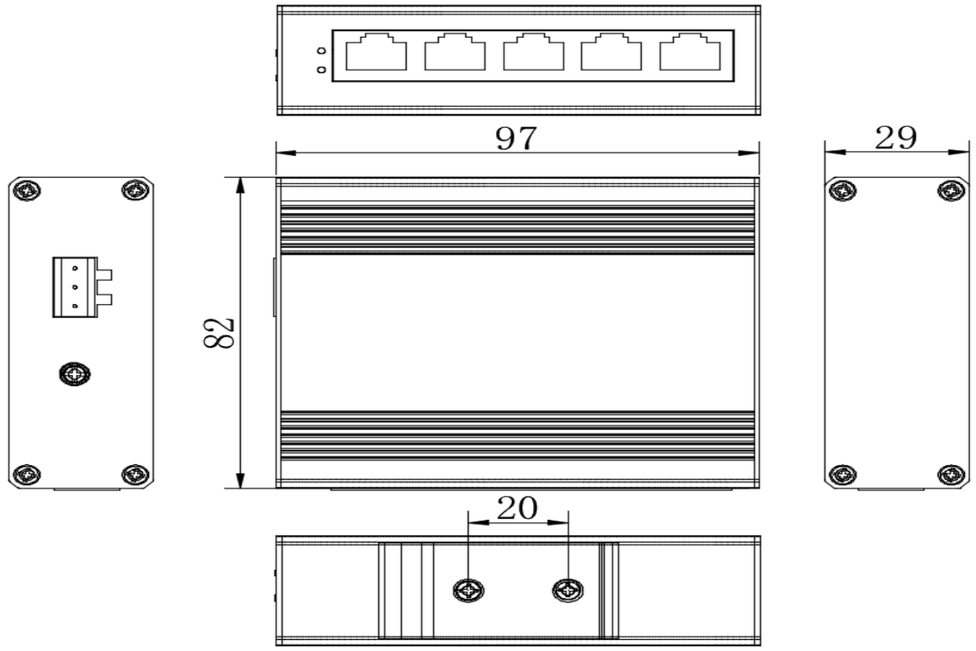
The NZS05G series is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space.It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 52V DC power supply inputs for high availability applications requiring dual or backup power inputs

Technical Specifications

10/100/1000 BASE-TX Port	5 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 14Gbps Packet Buffer Memory:1.2Mbit Packet Forwarding Rate:10.5Mpps MAC Address Table: 2K
Installation	DIN rail
Maximum Frame Size	9000 bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red Ethernet: Yellow
Power Input	12 to 52V DC redundant power
Power Consumption	3 watts max
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3x;

Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤10meter) 1000BASE-TX: Cat6 or later UTP (≤100 meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV /DM ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V(150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
MTBF	>300,000hours
Dimensions (WxDxH)	97x 82x 29 mm
Weight	Product Weight: 0.25KG Packing Weight: 0.35KG
Working Environment	Working temperature: -40 to +80 Storage temperature: -40 to +80 Relative Humidity : 5%~95 % (no condensation)

Dimension



Product Selection

NZS05G	5-Port RJ45 Industrial Switch,1000 Mbps
Power supply (optional)	
NZ5121-DC	DC 12V/1A suitable for non-PoE Industrial switch
NZ5241-DC	DC 24V/1A suitable for non-PoE Industrial switch

Unmanaged Compact DIN-rail Switch

NZS08G

8-port 10/100/1000 BASE-TX Industrial Ethernet Switch



Interface

- 8-port 10/100/1000 Base-Tx RJ-45 with auto negotiation and auto-MDI/MDI-X function

Industrial conformance

- 12V to 52V DC, redundant power input
- -40℃ to 80℃ operating temperature
- IP40 Aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Product Overview

NZS08G an hardened 5-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 5-port 10/100/1000BASE-TX RJ45 copper interfaces delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40 to 80.

The NZS08G series provides the flexibility to all kinds of 10/100/1000 Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

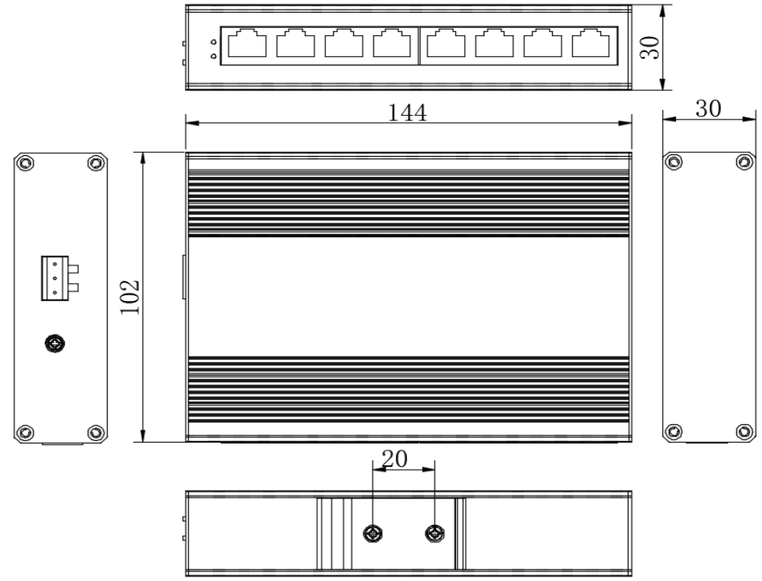
The NZS08G series is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 52V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Technical Specifications

10/100/1000 BASE-TX Port	8 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 16Gbps Packet Buffer Memory:2Mbit Packet Forwarding Rate:15Mpps MAC Address Table: 4K
Installation	DIN rail
Maximum Frame Size	9000 bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red Ethernet: Yellow
Power Input	12 to 52V DC redundant power
Power Consumption	5 watts max
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base -T; IEEE802.3x;

Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤10meter) 1000BASE-TX: Cat6 or later UTP (≤100 meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV /DM ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V(150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
MTBF	>300,000hours
Dimensions (WxDxH)	144 x 102 x 30 mm
Weight	Product Weight: 0.4KG Packing Weight: 0.5KG
Working Environment	Working temperature: -40 to +80 Storage temperature: -40 to +80

Dimension



Product Selection

NZS08G	8-Port RJ45 Industrial Switch,1000Mbps
Power supply (optional)	
NZ5121-DC	DC 12V/1A suitable for non-PoE Industrial switch
NZ5241-DC	DC 24V/1A suitable for non-PoE Industrial switch

NZS08G-S

8-port 10/100/1000 BASE-TX Industrial Ethernet Switch



Interface

- 8-port 10/100/1000 Base-Tx RJ-45 with auto negotiation and auto MDI/MDI-X function

Industrial conformance

- 12V to 52V DC, redundant power input
- -40℃ to 80℃ operating temperature
- IP40 Aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Product Overview

The NZS08G-S is an hardened 8-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 8-port 10/100/1000BASE-TX RJ45 copper interfaces delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40 to +80

The NZS08G-S series provides the flexibility to all kinds of 10/100/1000 Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

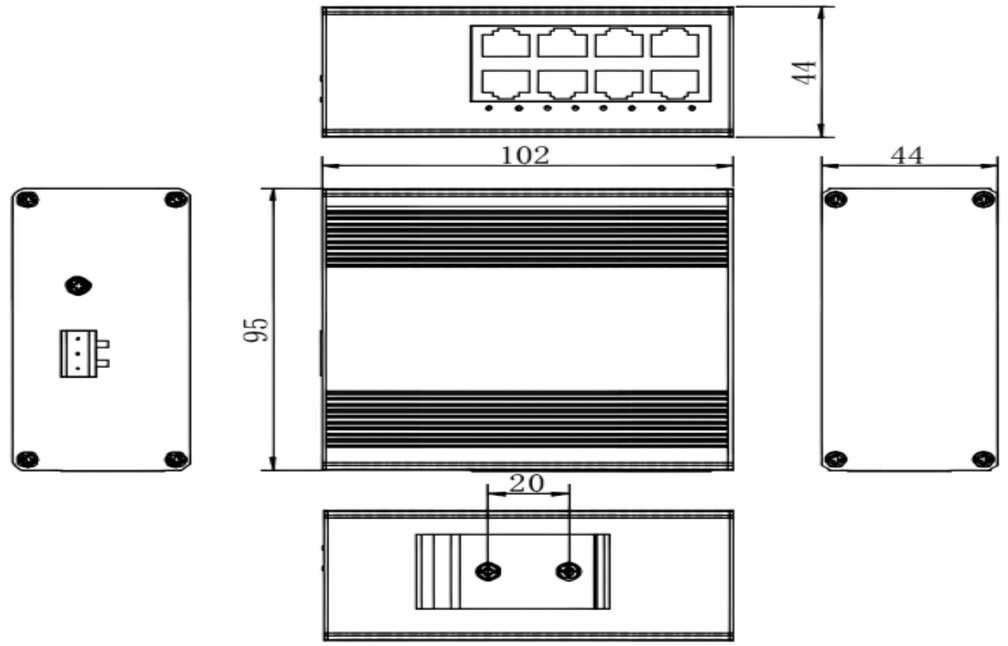
The NZS08G-S series series is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 52V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Technical Specifications

10/100BASE-TX Port	8 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 16Gbps Packet Buffer Memory:2Mbit Packet Forwarding Rate:15Mpps MAC Address Table: 4K
Installation	DIN rail
Maximum Frame Size	9000 bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red Ethernet: Yellow
Power Input	12 to 52V DC redundant power
Power Consumption	5 watts max
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3x;

Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤10meter) 1000BASE-TX: Cat6 or later UTP (≤100 meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV /DM ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V(150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
MTBF	>300,000 hours
Dimensions (WxDxH)	44x95x102mm
Weight	Product Weight: 0.4KG Packing Weight: 0.5KG
Working Environment	Working temperature: -40 to +80 Storage temperature: -40 to +80

Dimension



Product Selection

NZS08G-S	1000Mbps 8-Port Ethernet Switch, DIN Rail Mount, 12 - 52VDC Dual Power Supply, Wide Temperature Range (-40 to 80)
Power supply (optional)	
NZ5121-DC	12V/1A, for Non-PoE Industrial Switch Series.
NZ5241-DC	24V/1A, for Non-PoE Industrial Switch Series.

Unmanaged Compact DIN-rail Switch

NZTS08G-S

8-port 10/100/1000BASE-TX Industrial Ethernet Switch



Interface

- 8-port 10/100/1000Base-Tx RJ-45 with auto negotiation and auto-MDI/MDI-X function

Industrial conformance

- 12V to 52V DC, redundant power input
- -40℃ to 75℃ operating temperature
- IP40 Steel rugged case
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

Product Overview

The NZTS08G-S is an industrial Ethernet switch designed for industrial environments, featuring 8 10/100/1000 Mbps adaptive Ethernet ports. It complies with FCC, CE and RoHS standards.

The NZTS08G-Sswitch supports an operating temperature range of -40 to 80. Boasting exceptional robustness, it can withstand a variety of harsh environments and can be easily installed in compact control cabinets.

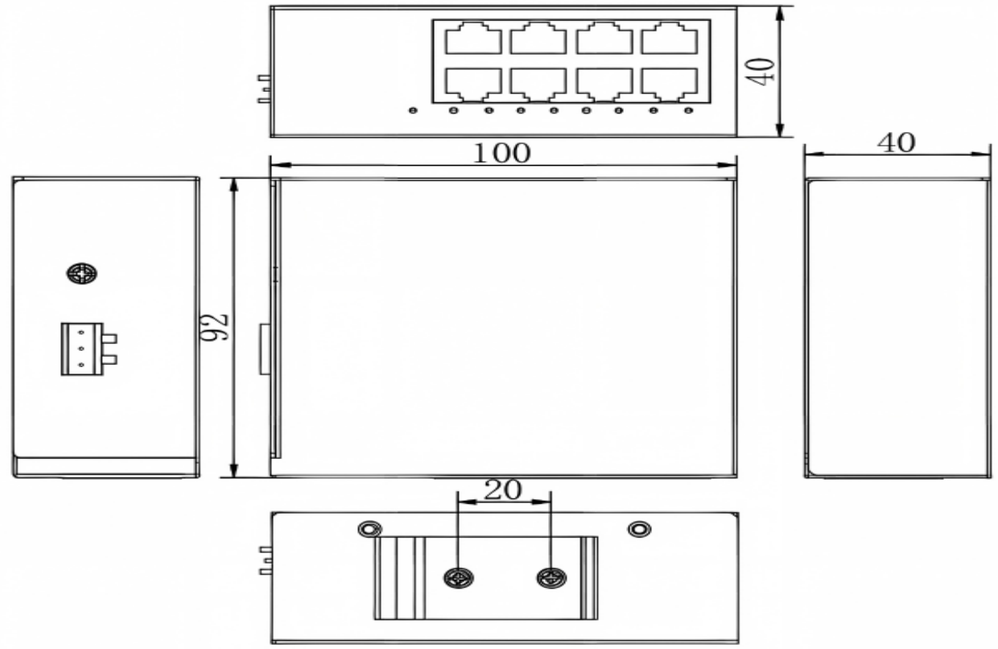
With its DIN-rail mounting capability, wide operating temperature range, IP40-rated enclosure, and LED indicators, the NZTS08G-S serves as a plug-and-play industrial-grade device, offering a reliable and convenient solution for connecting users' Ethernet equipment to a network.

Technical Specifications

10/100BASE-TX Port	8 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 16Gbps Packet Forwarding Rate:11.9Mpps MAC Address Table: 2K Transfer Mode: Store-and-Forward Switching Latency: < 10us
Installation	DIN rail
Enclosure	IP40 steel case
LED Indicator	Power: Red Ethernet: Yellow
Power Input	12 to 52V DC redundant power
Power Consumption	5 watts max
Surge protection	±4KV
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base -T; IEEE802.3x;

Industry Standard	IEC61000-4-2 (ESD): ±6kV (contact), ±8kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±2kV; Data Port: ±1kV IEC61000-4-5 (Surge):CM: ±2kV DM, ±1kV IEC61000-4-6 (CS): 3V (10kHz-150kHz);10V (150kHz-80MHz) IEC61000-4-8 Shock: IEC60068-2-27 Freefall: IEC60068-2-32 Vibration: IEC60068-2-6
MTBF	>300,000hours
Dimensions (WxDxH)	100x92x40
Weight	Product Weight: 0.4KG Packing Weight: 0.5KG
Working Environment	Working temperature: -40 to 75 Storage temperature: -40 to 80

Dimension



Product Selection

NZTS08G-S	1000Mbps 8-Port Ethernet Switch, DIN Rail Mount, 12 to 52VDC Dual Power Supply, Wide Temperature Range (-40 to 75)
Power supply (optional)	
NZ5121-DC	12V/1A, for Non-PoE Industrial Switch Series.
NZ5241-DC	24V/1A, for Non-PoE Industrial Switch Series.
NZ5521-DC	52V/1A, for Industrial Switch Series with 1-port Built-in PoE Power Supply and Non-PoE Industrial Switches.