

Din-Rail Industrial Network Switches X0618 Series



X0618



X0618-2F

NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice.

The X0618 series is a WEB managed redundant industrial range of managed ethernet switches, which supports 4-8 10/100M Ethernet ports(RJ45), 2-4 100M fibre ports, double power supply input and 1 route repay output. It supports SW-Ring patented technology (self-recovery time <20ms) to enhance the reliability of the network. The X0618 series also supports several network managements, such as 802.1QVLAN, QoS, IGMP, port trunking and port mirroring. It complies CE, FCC and Industrial level 4 standards, and can meet the requirements of a broad range of industrial environments with a temperature range of -40°C~75°C.

Features

- Supports IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.1Q, IEEE802.1p, IEEE802.1D, IEEE802.1W
- SW-Ring ring network patent technology (fault recovery time < 20ms)
- RSTP, way exchange time < 50ms
- Static multicast, IGMP Snooping and GMRP
- Port based VLAN and IEEE 802.1Q VLAN
- QOS absolutely and opposite priority
- Rate control, broadcast storm control
- WEB, SNMP and Telnet configuration
- MAC address learning, aging automatic
- DHCP server and port frame statistics
- Configuration file upload and download
- Input voltage 110~240VAC
- Supports 1 channel relay alarm output
- Industrial grade 4 design, -40°C~75°C working temperature
- IP40 protection grade, DIN rail mount

Ordering Information

| Part Number | Description |
|-------------|--|
| X0618* | 8-port 10/100Base-T(X), 24VDC |
| X0618-2F* | 6-port 10/100Base-T(X)+2-port 100Base-FX, Single-mode, SC, 24VDC |
| X0618-4F | 4-port 10/100Base-T(X)+4-port 100Base-FX, Single-mode, SC, 24VDC |

*Stocked Part

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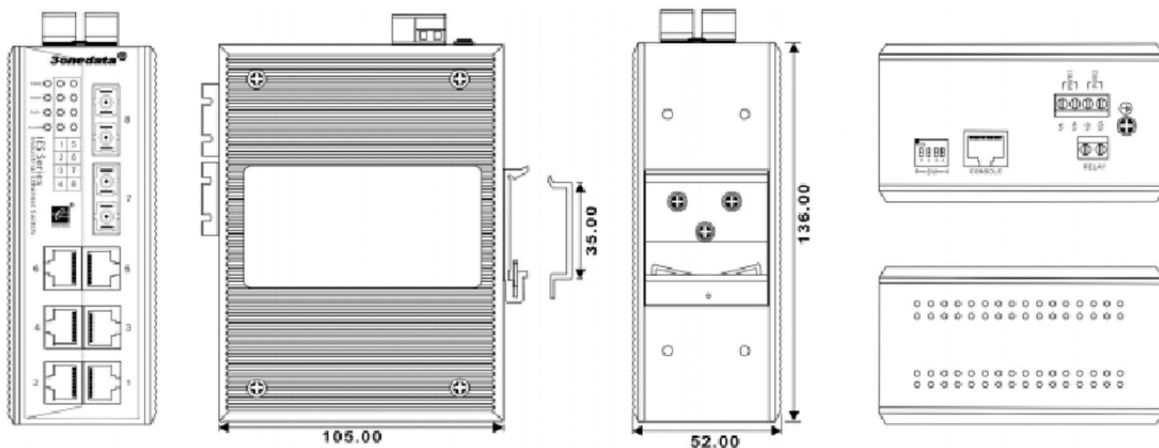
Specifications

| | |
|-------------------------------|--|
| Standards | IEEE802.3 |
| | IEEE802.3u |
| | IEEE802.3x |
| | IEEE802.1Q |
| | IEEE802.1p |
| | IEEE802.1D |
| | IEEE802.1W |
| Protocols | ARP, ICMP, TCP, DHCP, DNS, HTTP, TELNET, RSTP, SNMP |
| Functions | SW-Ring |
| | QOS |
| | 8021.QVLAN |
| | Port Trunking |
| | Status Multicast Filter |
| | Port Mirroring |
| | Port Flow Statistics |
| SW-Ring | Supports Single, Couple, Chain, Dual Homing |
| Exchange Attribute | 100M Forward Speed: 148810pps |
| | 100M Maximum Filter Speed: 148810pps |
| | Transmit Mode: Store and Forward |
| | MAC Address Table: 2K |
| | Memory: 1M |
| Electric Port | 10Base-T/100Base-TX Auto Speed Control, Half/Full Duplex and MDI/MDI-X Auto Detect |
| Console Port | Debug Serial Port Carry Out CLI Command |
| Alarm Port | 2 Bit Terminal Block |
| | 1 Channel Relay Alarm Output |
| LED Indicator | Run Indicator: Run |
| Power Supply Indicator | P1, P2 |

| | |
|------------------------------|--|
| Interface Indicator | Link (1~8) |
| Input Voltage | 24VDC (12~48VDC) |
| | 4 Bits Terminal Block |
| Type of Input | Support DC Dual Power Supply Alarm Input |
| | Support DC Dual Power Supply Redundancy |
| No-Load Consumption | 1.7W@24VDC |
| Full-Load Consumption | 3.6W@24VDC |
| Working Temperature | -40°C~75°C |
| Storage Temperature | -40°C~85°C |
| Relative Humidity | 5%~95% (no condensation) |
| Shell | IP40 Protection Grade, Metal Shell |
| Installation | DIN Rail Mounting |
| Weight | 800g |
| Size | Size (W×H×D): 136 mm×52mm×105mm |
| EMI | FCC Part 15, CISPR (EN55022) Class A |
| EMS | EN61000-4-2 (ESD), Level 4 |
| | EN61000-4-3 (RS), Level 3 |
| | EN61000-4-4 (EFT), Level 4 |
| | EN61000-4-5 (Surge), Level 4 |
| | EN61000-4-6 (CS), Level 3 |
| | EN61000-4-8, Level 5 |
| Shock | IEC 60068-2-27 |
| Free Fall | IEC 60068-2-32 |
| Vibration | IEC 60068-2-6 |
| Certification | CE, FCC, RoHS, UL508 (Pending) |
| Warranty | 1 Years |



Dimensions



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